

Career Day

Finding work in the climate space

Assignments

Keep working on your projects!

Climate change in the news

Climate change in the news

Allbirds touts world's first net-zero carbon shoe

Allbirds is claiming that it has created the world's first net-zero carbon shoe, without the use of offsetting.

The US-based footwear and apparel brand has not yet launched the shoe, called M0.ONSHOT, for purchase, but has provided key information on how design and material innovation have resulted in a net-zero shoe.

Some parts of the shoe's lifecycle do emit carbon, such as transporting the components and the finished pair. However, as all of the key components are certified as carbon negative, Allbirds claims that the emissions which have been created are 'inset' across the lifecycle of the shoe.

The shoe's upper is made using a carbon-negative merino wool from the New Zealand Merino Company, for example. The Company uses regenerative farming methods to enable the soil to draw down carbon. It has been certified as carbon-negative by Toitu Envirocare, a third-party carbon certification business, with carbon sequestration outweighing emissions.

Other carbon-negative elements of the shoe include bioplastic eyelets made using methane-based polymers and sugarcane-based foam midsoles. Allbirds has been using carbon-negative, sugarcane-based foam for soles since 2018 and calls this material SweetFoam. The new shoes include a next-generation version of this material, called SuperLight Foam.

Additionally, the shoes will be housed in sugarcane-derived, carbon-negative packaging which has been light-weighted to minimise emissions from transportation.



The average pair of shoes comes with a life-cycle carbon footprint of 14kg of CO₂e, and more than 20 billion pairs of new shoes are manufactured globally each year. Many shoe designs bear a high carbon footprint due to their use of leather and/or synthetic, fossil-based glues, foams and materials.

This week, a new scorecard from Stand.earth assessed 43 apparel and footwear companies on their work to decarbonise their value chains. None of the brands received a top grade, and two-thirds received one of the two lowest grades.

One key focus was the use of energy in supply chains, with the conclusion being that many big-name brands, despite publicly stating net-zero ambitions, are doing little to transition suppliers off of coal and on to clean energy. Stand.earth's methodology also covered emissions from shipping, the use of low-carbon and more durable materials, and whether brands were advocating for renewable energy policies.

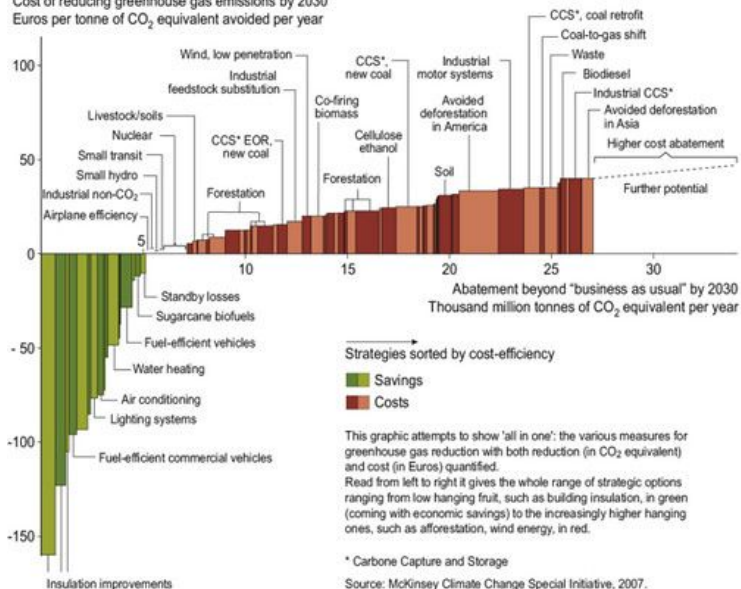
Brands to have scored one of the two lowest grades include Walmart, Target, Primark, Amazon, Under Armour, Armani, Guess, Chanel, Prada, Boohoo, Shein and Uniqlo's parent company Fast Retailing.

Allbirds only managed to secure a 'D+' grade. It scored highly for its clean energy procurement and commitments but lost marks elsewhere. The top-scoring company overall was H&M Group, closely followed by Levi's and Puma.

Recap

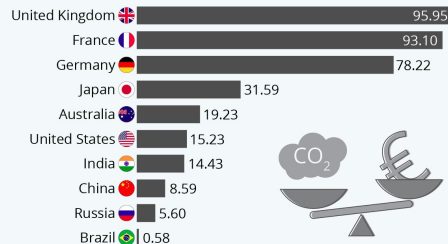
Strategic options for climate change mitigation Global cost curve for greenhouse gas abatement measures

Cost of reducing greenhouse gas emissions by 2030
Euros per tonne of CO₂ equivalent avoided per year



How the World Puts a Price on Carbon

Average carbon prices in selected countries in 2021
(EUR per tonne of CO₂)



Based on taxes applicable on 1 April 2021.
Source: OECD



statista

Applications of Natural Language Processing

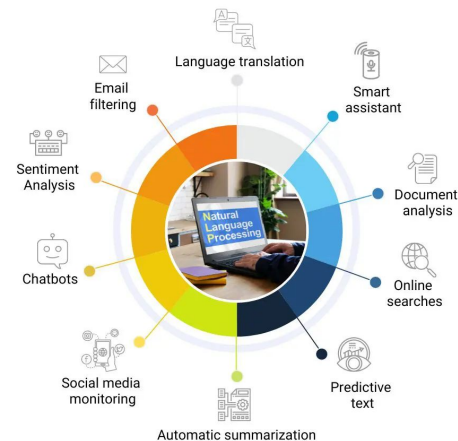


Table 1: Examples of Question-Answer pairs from our corpus

TCFD Question	Answer Passage
Does the organization describe the board's (or board committee's) oversight of climate-related risks and/or opportunities?	<i>The Company's Audit Committee has the delegated risk management oversight responsibility and receives updates on the risk management processes and key risk factors on a quarterly basis.</i>
Does the organization describe the climate-related risks or opportunities the organization has identified?	<i>The availability and price of these commodities are subject to factors such as changes in weather conditions, plantings, and government policies</i>

Alex Steffen, Climate Writer - *The Snap Forward*

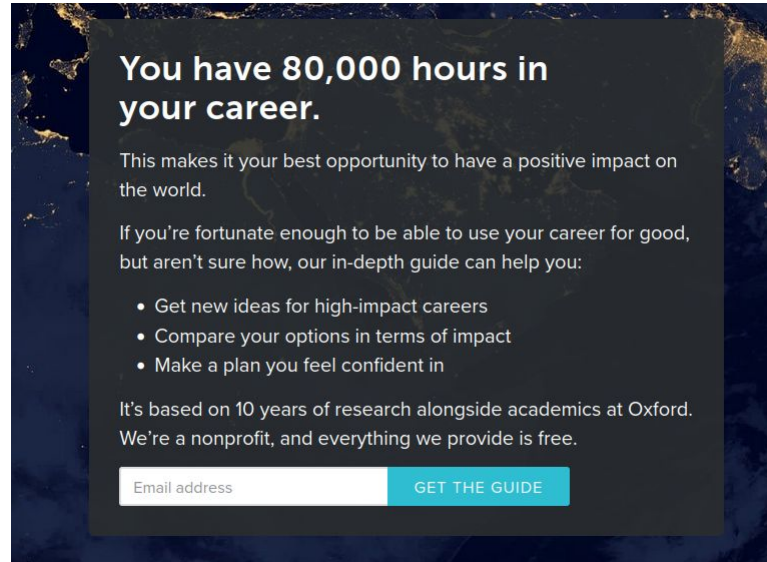
“We don’t get to choose whether the context of all our work is an unprecedented, all-encompassing planetary crisis. It simply is. There is nowhere to stand outside of it. We can pretend that’s not true — insist that our lives or work or special concerns will remain untouched by ecological catastrophe and societal upheaval — but in the long run, we’re just fooling ourselves.”

Alex Steffen, Climate Writer - *The Snap Forward*

“We don’t get to choose whether the context of all our work is an unprecedented, all-encompassing planetary crisis. It simply is. There is nowhere to stand outside of it. We can pretend that’s not true — insist that our lives or work or special concerns will remain untouched by ecological catastrophe and societal upheaval — but in the long run, we’re just fooling ourselves.”



Your career is your biggest chance to make an impact



You have 80,000 hours in your career.

This makes it your best opportunity to have a positive impact on the world.

If you're fortunate enough to be able to use your career for good, but aren't sure how, our in-depth guide can help you:

- Get new ideas for high-impact careers
- Compare your options in terms of impact
- Make a plan you feel confident in

It's based on 10 years of research alongside academics at Oxford. We're a nonprofit, and everything we provide is free.

Email address

[GET THE GUIDE](#)

<https://80000hours.org/>

Climate career pathways

- Regardless of your job, engage in climate action and activism
- Work directly on something else but bring awareness and action on climate to your job
- Work directly on climate change

Climate action outside of work

Non-profits working on climate issues

- Clean Air Task Force
- Earthjustice
- Conservation International
- CarbonFund
- Environmental Defense Fund
- many more!

Climate action outside of work

Political organizing

- Citizens' Climate Lobby
- League of Conservation Voters
- Extinction Rebellion
- People's Climate Movement

REPORT | MAY 26, 2021



Gen Z, Millennials Stand Out for Climate Change Activism, Social Media Engagement With Issue

ANNALS OF A WARMING PLANET

THE ANSWER TO CLIMATE CHANGE IS ORGANIZING

Dealing with global warming is always going to be about the balance of power.



By Bill McKibben
September 1, 2021

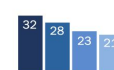
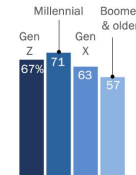
Gen Z, Millennials more active than older generations addressing climate change on- and offline

% of U.S. adults who say ...

Climate should be top priority to ensure sustainable planet for future generations

Addressing climate change is my top personal concern

Have personally taken action to help address climate change within the last year

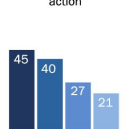
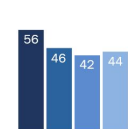
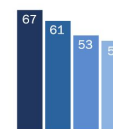


In the past few weeks ...

Talked about need for action on climate at least 1-2 times

Seen content on social media about need for climate action

Engaged on social media with content on need for climate action



Note: Respondents who gave other responses or did not give an answer are not shown. Seen content on social media and engaged with climate content based on social media users. Source: Survey conducted April 20-29, 2021. "Gen Z, Millennials Stand Out for Climate Change Activism, Social Media Engagement With Issue"

PEW RESEARCH CENTER

Climate action outside of work



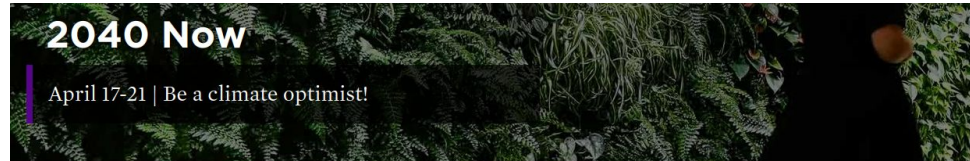
[FOSSIL FREE FESTIVAL](#) [DIVEST NYU](#) [ABOUT](#)



[TAKE ACTION](#)

Sunrise NYU is a community of powerful young people fighting for a Green New Deal.

When people rise up they can be an unstoppable force for good. We are the official Sunrise Movement hub for New York University; a diverse group of dedicated students pushing for change.



[Affordability Steering Committee](#)

[Academic Space Projects](#)

2040 Now

[2040 Now Events](#)

[Calendar](#)

[Apply Now](#)

[2040 Now Center](#)

[Resources & More](#)

[NYU's Commitment](#)

[NYU in Brooklyn](#)

[NYUWomxn100](#)

Be a climate optimist!

NYU plans to be climate neutral by 2040. Join us April 17-21 for **2040 Now**—a University-wide initiative where we explore our community response to the challenge of climate change through community challenges, big events, exhibitions, competitions, and much more.

Through meaningful climate action, including both individual choices and societal involvement, our community can help create a climate-stable future, be healthier and happier, and have fun making change—together.

Sustainability is not a spectator sport. We hope to see you at one of the many events and programs below!



“Every job is a climate job”

**CLIMATE SOLUTIONS
AT WORK**

Unleashing your employee power ▶

CLIMATE SOLUTIONS AT WORK

Introduction

- Before you begin
 - Getting to work
 - Moving beyond net zero
- Drawdown-aligned Framework
- Emissions Reductions
- Stakeholder Engagement and Collaboration

INTRODUCTION

Before you begin

Employees hold tremendous power—you and your colleagues are instrumental to how your company functions, innovates, and survives through uncertainty.

For many employees, the importance of climate action has taken center stage, but it can be hard to know where (and at which levels) to accelerate climate action in the workplace, and how to bring your own skills to the table. If your company leadership is serious about its climate ambition, then they will welcome employees to the work of helping them get there and holding them accountable. We see the

WHO THIS GUIDE IS FOR

Employees concerned about climate change, from those just starting their climate journeys to those ready to take concrete action in their workplace. This guide will help you understand whether your company is serious about addressing the climate crisis at scale—and how you can work with your colleagues to go further on climate.

WHAT THIS GUIDE IS

An illustrative suite of

<https://drawdown.org/publications/climate-solutions-at-work>

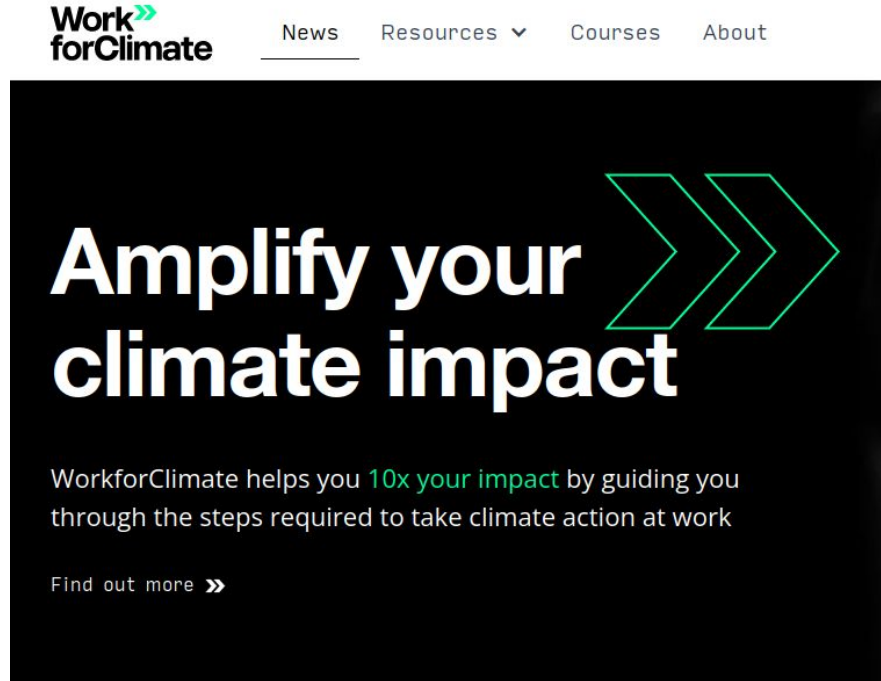
“Every job is a climate job”

	STATUS QUO		DRAWDOWN-ALIGNED
Emissions Reductions	Promises distant “net zero by 2050” commitment with reliance on offsets and no interim targets.	→	Moves on an accelerated timeline with interim targets and reduced reliance on offsets.
Stakeholder Engagement and Collaboration	Internal climate work is limited to sustainability teams and external engagement is primarily focused on investors.	→	Employees, communities, board members, and more are included.
Products, Partnerships, and Procurement	Products, partnerships, and procurement (the three Ps) are misaligned with climate commitments.	→	The three Ps are aligned with a company's sustainability strategy.
Investments and Financing	Corporate investments and employee retirement plans are misaligned with climate goals.	→	Business is fully divested from fossil fuels and invested in climate solutions.
Climate Disclosures	A lack of transparency on emissions and climate-related risks is the norm.	→	Public emissions and climate risk disclosures occur on a regular basis.
Climate Policy Advocacy	Corporate and trade associations are known to lobby against climate policy.	→	Lobbying and contributions support bold climate policy, including alignment from trade associations.
Business Model Transformation	Sustainability is an under-resourced add-on to the core business of the company.	→	Business models always shift center on scaling climate solutions.
Long-term Thinking	Business is focused on growth and quarterly returns.	→	Uses business influence to promote justice and shift economic paradigms to fit within planetary boundaries.

Where we are and where we need to go

Private-sector climate targets need to meet the global climate crisis at scale. Companies can become “drawdown-aligned” by meeting all of the requirements outlined in this guide.

“Every job is a climate job”

A dark-themed banner for WorkforClimate. At the top left is the logo "WorkforClimate" with a green double arrow icon. To its right are navigation links: "News", "Resources" (with a dropdown arrow), "Courses", and "About". The main text "Amplify your climate impact" is in large white font, with a green double arrow icon to its right. Below this, a smaller white text reads "WorkforClimate helps you 10x your impact by guiding you through the steps required to take climate action at work". At the bottom left, there is a link "Find out more" followed by a green double arrow icon.

WorkforClimate

News Resources Courses About

Amplify your climate impact

WorkforClimate helps you 10x your impact by guiding you through the steps required to take climate action at work

Find out more »

• CLIMATE CHANGEMAKERS

Case study: How one employee got a climate-friendly option added to her company's 401(k)

When Camille Smith realised that her company's default 401(k) portfolio (essentially, the American version of a superannuation fund) was lacking in environmentally conscious fund options, she decided to do something about it. Here's how her persistence paid off in making climate-friendly investing available to everyone at her company.

• GETTING STARTED

4 pressing climate questions to ask your CEO right now

Ask questions. Get your boss to take climate action seriously. Simple.

“Every job is a climate job”

Neuron
NeuroView

Profession-specific
resources are becoming
more common

How Can Neuroscientists Respond to the Climate Emergency?

Adam R. Aron,^{1,*} Richard B. Ivry,² Kate J. Jeffery,³ Russell A. Poldrack,⁴ Robert Schmidt,⁵ Christopher Summerfield,^{6,*}
and Anne E. Urai⁷

¹Department of Psychology and Neuroscience Graduate Program, University of California San Diego, San Diego, USA

²Department of Psychology, University of California, Berkeley, USA

³Division of Psychology and Language Sciences, University College London, UK

⁴Department of Psychology, Stanford University, Stanford, CA, USA

⁵Department of Psychology, University of Sheffield, Sheffield, UK

⁶Department of Experimental Psychology, University of Oxford, Oxford, UK

⁷Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, USA

*Correspondence: adamaron@ucsd.edu (A.R.A.), christopher.summerfield@psy.ox.ac.uk (C.S.)

<https://doi.org/10.1016/j.neuron.2020.02.019>

The world faces a climate emergency. Here, we consider the actions that can be taken by neuroscientists to tackle climate change. We encourage neuroscientists to put emissions reductions at the center of their everyday professional activities.

“Every job is a climate job”



Profession-specific resources are becoming more common

Rapid, Far-reaching, Unprecedented Change.

The climate crisis is happening all around us. As tech workers, we can use our skills to take and accelerate climate action.

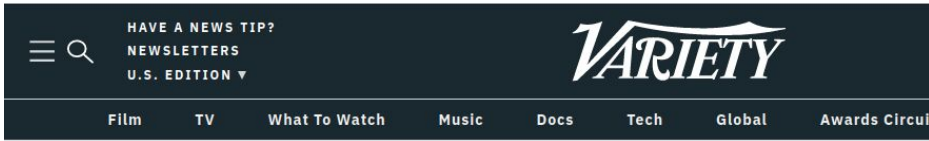
At ClimateAction.tech, we meet, discuss, learn and take climate action together.
We would love for you to join us on Slack.

[JOIN US ON SLACK](#)

<https://climateaction.tech/>

“Every job is a climate job”

Profession-specific resources are becoming more common



HOME > MUSIC > NEWS

Jul 12, 2022 7:55am PT

Here's How the Music Industry Can Help Fight Climate Change (Guest Column)

By Jem Aswad



Tech Marketing Media Executive Transactions All Topics

Daily Editions | Newsletters |

Sports industry needs to make climate change a priority

BY AYELET MAVOR
Monday, January 10, 2022

Working on climate

WORK ON CLIMATE Programs Resources Blog About Us Donate

Join us

We help you find a way to work on climate

We are an action-oriented Slack community for people serious about climate work. Find climate jobs. Build climate companies. Find your people.



Join us on Slack

How to use the community



Join the community

Share your journey, find collaborators, and celebrate each other's wins.



Explore our programs

Find the right community offering for where you are on your path.



Meet climate experts

Drop in to meet our friendly climate experts during regular office hours.



Find a job in climate

Find a climate job via our #jobs, #jobs-alerts and #gigs channels.

Work On Climate

- Threads
- Direct messages
- Mentions & reactions
- Drafts & sent
- Saved items
- Stack Connect
- More

Channels

- # announcements
- # community-feedback
- # community-organisers
- # events-external
- # events-official
- # general
- # gigs
- # i-got-a-job
- # jobs
- # jobs-alerts
- # jobs-discussion
- # learn-psychology
- # learn-the-space
- # meet-nyc
- # need-help
- # project-woc1-deck

#jobs Check guidelines before posting Join #jobs- subchannels like #jobs-software-engineering #jobs-remote #jobs-software-engineering #jobs-regen

Today

Vlad Mikhaylov 10:21 AM
Stem is hiring a **Technical Product Manager** for the **AI Optimization** team! The role is focused around working with cross functional stakeholders and SMEs to ensure Stem continues to deliver industry-leading optimization capabilities in behind-the-meter and front-of-the-meter energy storage operations and simulations. The right candidate will own and extend optimization driven services and applications at Stem.

- **Location:** Remote / San Francisco
- **Time commitment:** Full time
- **Compensation:** Not known
- **Connection to company:** Currently report to hiring manager

More details found here: <https://www.linkedin.com/jobs/view/technical-product-manager-ai-optimization-applications-at-stem-inc-3520450371/>
If you are interested, feel free to dm me directly with resume or reach out with any questions!

5 replies Last reply today at 12:08 PM

Laura Rose shine 10:44 AM
NEW ROLE ALERT TO HELP THE

WATS helps businesses streamline their waste operations, report on carbon impacts, and comply with shifting regulations. We are already making an impact at the intersection of sustainability and commercial waste management, and we are hiring our third engineer. This new addition to our team will help us ship features directly to users and join the foundational early days of our technology organization. About the role:

- ✂️ **Builder** role who will be able to solve a wide range of technical challenges directly tied to the user and join a team with low technical debt.
- 👑 **Top team** including two co-founders, Meredith Danberg-Ficarelli & Laura Rose shine, who have combined over two decades of experience in the commercial waste industry
- 📄 **Full-Stack** opportunity with preferred experience for Javascript & Node.JS (targeting at least four years of experience)
- 🌎 **Open** to remote work in USA or Canada, NYC preferred
- 🌱 **Solving** a critical mission for our environment and society

Please check out the **JD** for more information here. Send your resume to hello@getwats.com [edited]

Climatebase.org
Full Stack Developer | WATS
WATS is a climate tech company working to decarbonize commercial real estate with

Central Hub: <https://workonclimate.org/>

Working on climate

- # 7-cat-community-feedback
- # behaviour-psychology
- # cat-newsletter
- # cat-salon
- # climate-careers
- # external-events
- # green-talks
- # greener-data-ai
- # jobs
- # livestream-chat
- # local-new-york
- # news
- # random
- # terra-climate-school
- # volunteering
- # 6-introductions
- + Add channels
- ▼ Direct messages
- Slackbot

Today ▾



Lucas Kruitwagen 3:46 AM

Hi all! Lucas here at [TransitionZero](#). We build open data tools to accelerate the energy transition and have two jobs open!

title: Senior Research Engineer

contract: Consultant 1-4 months

location: Remote

salary: senior engineer competitive

TransitionZero is seeking an experienced research engineer for a consulting role to help make our steel asset transition (SAT) tool production-ready. You will play a critical role in streamlining and optimizing our data pipelines to enable accurate estimation of decarbonization pathways for steel plants around the world. This is an exciting opportunity to make a real impact in the transition to sustainable, carbon-free steel.

You will have two main responsibilities: first, productionising and orchestrating existing scripts and notebooks; and second, performing your own research into plant-level emissions using alternative (e.g. satellite, shipping) data. We're looking for someone with a strong background in computational research, including data engineering, data science, dev/cloud-ops, and pipeline orchestration; an ability to problem solve and work independently; and a passion for sustainability. If you're ready to take on a challenging and rewarding project, we'd love to hear from you!

title: Senior Data Engineer / Head of Infrastructure

contract: FT

location: UK-based

salary: senior engineer competitive

TransitionZero is seeking a Senior Data Engineer to lead TransitionZero's Infrastructure Team as part of the technology function. The candidate will take a leading role in the development and deployment of TransitionZero's Future Energy Outlook (FEO) platform, as well as other data-intensive products and services. The candidate will manage a team of direct reports and will report to the CTO. The candidate should be an expert in Python-based backend development and dev/cloud-ops, including developing computational pipelines, data models and schema; building Python-based microservices and APIs to support front-end development; and deploying various testing, continuous integration, and continuous deployment tooling. The successful candidate will be a senior contributor in the development of TransitionZero's technical products and culture.

Working on climate

Job boards:

<https://climatebase.org/>

<https://terra.do/climate-jobs/job-board/>

<https://www.climatejoblist.com>

<https://www.climatepeople.com/>

Freelance: <https://www.leafr.work/>

and more!

<https://www.climate-tech-careers.com/#jobboards>

The screenshot shows a job search interface. At the top, there is a search bar with 'Data Scientist' entered and a location dropdown set to 'New York, NY, USA'. A 'Search' button is to the right. Below the search bar are several filter dropdowns: 'Sectors', 'Job type', 'Organization Size', 'Organization Type', 'Role type', 'Experience Level', and 'Drawdown solutions'. A 'Set alerts' button is on the far right. A 'Remote' toggle switch is visible below the filters. Two job listings are shown: 'Climate Data Scientist' by FLOODBASE in Brooklyn, NY, and 'Data Scientist [NYC]' by CarbonChain in New York, USA.

The screenshot shows a vertical list of job listings. Each listing includes a company logo, the job title, location, and an 'APPLY' button. The listings are: 'Head of Data Services' at T-REX (New York City, United States); 'Data Associate' at UNCHARTED POWER (New York City, United States); 'Climate Data Scientist' at Floodbase (Brooklyn, United States); 'Data Engagement Intern' at NUMINA (New York City, United States); 'Product Analytics Manager' at VIA (New York City, United States); 'Carbon Emissions Analyst [NYC]' at CarbonChain (New York City, United States); 'Senior Analyst, Energy Transition (Research & Analytics)' at Environmental Defense Fund (Austin, TX, USA, Boulder, CO, USA, Remote, New York, NY, USA, Washington, DC, USA, Boston, MA, USA, Raleigh, NC, USA); 'Senior Data Scientist, Modeling' at Gro Intelligence (New York, NY, USA); 'Data Scientist, Modeling' at Gro Intelligence (New York, NY, USA); and 'AI Solution Director, Healthcare' at C3 AI (Tysons, VA, USA, Houston, TX, USA, Redwood City, CA, USA, New York, NY, USA, Chicago, IL, USA).

Working on climate



Communities help with resumes, interviews, skill learning etc.

- # jobs
- # jobs-alerts
- # jobs-discussion
- # learn-psychology
- # learn-the-space
- # meet-nyc
- # need-help
- # project-wocl-deck
- # resume
- # role-academics
- # role-content-creators
- # share-your-path
- # topic-ai
- # volunteering
- # introductions


 **Carly Levin** 8:38 PM
Does anyone have suggestions on worthwhile sustainability certificates or grad programs? There are so many options in the space right now. Thanks for your help!

 [11 replies](#) Last reply today at 2:01 PM


Yesterday ▾


 **Julie Mai** 2:51 PM
 Resources incoming for those working in or curious about the food/ag transformation! We've got two new episodes of **Invested in Climate** live now diving into significant efforts underway, partnerships to learn from, and opportunities for innovators, investors, and listeners. Tune in below and would love to keep sowing ideas with any feedback/suggestions you might have! 🌱💚

- [Secretary of Agriculture Karen Ross on California's Climate Leadership, Ep #45](#)
- [Danone & EDF's partnership to transform agriculture, Ep #44 \(ft. Chris Adamo & Katie Anderson\)](#)

 2 

Today ▾

 **Gina Baranski** 9:32 AM
Hello from NY - Can anyone recommend a good UDEMY or [LYDA.com](#) or other literature if you want to get a quick comprehensive overview on Sustainability? I'm trying to learn more...

 [1 reply](#) Today at 10:04 AM

Working on climate

You can also look for volunteer or internship opportunities to skill up

- # announcements 1
- # community-feedback
- # community-organisers
- # events-external
- # events-official
- # general
- # gigs
- # i-got-a-job
- # jobs
- # jobs-alerts
- # jobs-discussion
- # learn-psychology
- # learn-the-space
- # meet-nyc
- # need-help
- # project-work-deck
- # resume
- # role-academics
- # role-content-creators
- # share-your-path
- # topic-ai
- # volunteering
- # introductions
- + Add channels

 **Anna K** 10:49 AM
Has anyone here volunteered for Climate Neutral? I'd love to hear your thoughts on it!

 **3 replies** Last reply 1 month ago

 **Geoff Sklgen** 1:58 PM
Calling all ocean activists. COARE (Center for Oceanic Awareness Research and Education), a global leader in conservation policy is looking for interns and volunteers.

I've been a volunteer for 1 year+ now and have loved every minute. I can say this org may be tiny, but it is mighty. They've achieved more than most marine conservation orgs triple their size.

COARE has written and passed substantial anti-shark finning policy at the United Nations and are also at the forefront of plastic pollution policy.


We're looking for Ocean Policy Interns, Ocean Program Interns, and Social Media Intern(s).

Click here for a full description: <https://www.coare.org/jobs/intern/>

Questions? Feel free to ping me on Slack or here: geoff@skigencreative.com (edited)



Wednesday, March 8th

 **Michael Hawk** 4:54 PM
Hi Folks! I recently left Google to start a next-generation conservation organization (Jumpstart Nature) focused on biodiversity and climate. We're using technology and a multi-disciplinary approach to empower everyone to make a difference for the environment. In particular, we're looking at ways to leverage "new media" (apps, podcasts, games, etc) and behavioral science to get people off the sidelines. We're doing things that the large NGOs are ignoring or unable to do, and we need your help to keep pushing the boundaries of conservation.

I'm looking for volunteers that can help with podcast production (I can train you), campaign coordination across platforms, and marketing help in general.

We're in the early stage (filing for 501c3), so I'm also looking for a couple more board members - especially those with 501c3 experience and mobile app development experience.

We have a big vision and some great volunteers already. I'm happy to tell you more! Thanks!



 **8 replies** Last reply 13 days ago

B I S     

Learning more and networking

Terra.do School - <https://terra.do/>

One Point Five Academy - <https://www.opf.degree/opf-academy>

Airminers Boot-up - <https://airminers.org/learn>

Climatematch Academy - <https://academy.climatematch.io/>

Climate Change AI summer school -

https://www.climatechange.ai/events/summer_school

Starting a company

My Climate Journey community and podcast: <https://www.mcjcollective.com/>

Subak fellowship and accelerator: <https://subak.org/get-involved>

Resources for all stages: <https://climatefounder.org/>

Career Panel

Vivek Ramavajjala is the founder of Excarta, a startup using AI to improve weather forecasting accuracy. Previously, he worked at DeepMind and Google Research, working on applying ML to real-world problems like improving search results for low-volume languages, and more efficient usage of datacenters. He enjoys working on problems where AI research can be applied to have tangible benefits, and that AI can contribute greatly to tackling climate change.

Emma Greer and Bishoy Kaleny work at Climateflux. At Climateflux, we work at the intersection of microclimatology and urban studies, employing data science to study outdoor comfort and its dynamics in high spatiotemporal resolution. Our team of architects, data engineers, and machine learning specialists combines data-driven and human-centred workflows to understand and improve the urban microclimate and quality of the urban experience. Our clients - architects, city planners, real estate developers, municipalities and policy makers - turn to us for performance-oriented design solutions supported by data-based modelling techniques. Emma's background is in architecture and is leading Climateflux's Climate Action Strategy. Bishoy's background is in mathematics and is a Software Engineer at Climateflux.

Deval Pandya is the Head of AI Engineering at The Vector Institute. He is recognized as one of the 100 global Future Energy Leaders at the World Energy Council and Top 50 Innovators in AI by World Summit AI. He is passionate about using AI and ML to address climate change and energy transition. Deval has vast experience in building end to end AI and ML capabilities for delivering value in larger organizations, startups as well as non-profits.

Yusuf Jameel, is a Associate Scientist at Project Drawdown where focuses on a broad range of solutions at the intersection of climate, food, energy, water, social equity, and finance. He is the author of the landmark report published last year on climate and poverty that shows how climate solutions can also generate benefits for human well-being in Africa and South Asia. Yusuf obtained his Ph.D. in water resources from the University of Utah and has previously worked as a researcher at the Massachusetts Institute of Technology (MIT) and the University of Florida where he led several projects focused on the food-energy-water nexus.

Constantine E. Kontokosta is an Associate Professor of Urban Science and Planning and the Director of the Civic Analytics program at the NYU Marron Institute of Urban Management, associated (core) faculty and Director of the Urban Intelligence Lab at the NYU Center for Urban Science and Progress (CUSP), associated faculty in the Department of Civil and Urban Engineering, and affiliated faculty at the Wagner School of Public Service. His research is focused on using large-scale data and computational methods to better model, understand, and, ultimately, take action on issues of climate change, urban resilience, neighborhood inequality, and fairness and bias in algorithmic decision-making.