

# Data Engineer

## Description

Data Engineer  AI Weather Modeling  About Climavision  At Climavision, we're rebuilding climate technology from the ground up and changing the way we see weather. We merge the power of a proprietary, high-resolution weather radar and satellite network with advanced weather prediction modelling and decades of industry expertise to reduce existing coverage gaps and drastically improve forecasting ability. Our revolutionary new approach to climate technology weather solutions is poised to help reduce the economic risks of climate change on companies, governments, and societies alike. We are backed by The Rise Fund, the world's largest global impact platform committed to achieving measurable, positive social and environmental outcomes alongside competitive financial returns. Climavision is headquartered in Louisville, KY, with research and development operations in Raleigh, NC and Fort Collins, CO.  The Opportunity  Are you an experienced Data Engineer looking to help solve rapidly changing problems with a priority on efficiency and speed? Are you looking for a company with a first-class reputation in the climate and weather space?  Are you looking for a position in a company with excellent future growth opportunities?  The Work  As a Data Engineer at Climavision, you will play a pivotal role in supporting our AI Weather Modeling team's efforts to revolutionize climate technology. In this role, you will leverage your expertise in geoscientific data engineering to build robust data pipelines and implement best practices for data modeling, ETL processes, and data ingestion. You will collaborate closely with cross-functional teams to ensure seamless integration of data engineering and AI tasks, contributing to the timely delivery of high-quality solutions. Your strong problem-solving skills, proficiency in Python and the geoscientific stack, and experience with cloud computing platforms will be essential to your success in this role. Join us at Climavision and be part of a team that is shaping the future of weather forecasting and climate risk management through innovative technology and collaboration.

**Responsibilities**

Data Engineering: Design, develop, and optimize data engineering software leveraging your comprehensive understanding of geoscientific data. Implement: Implement best practices for data modeling, ETL processes, and data ingestion, continually enhancing data engineering methodologies. Transformation: Perform feature extraction and data transformation to prepare datasets for machine learning applications. Reliability: Ensure data verification and integrity to maintain the accuracy and reliability of datasets used in AI model creation. Collaborate: Collaborate closely with the AI team to ensure seamless integration of data engineering tasks with machine learning workflows. Innovate: Act as an internal subject matter expert, offering solutions to a wide array of geoscientific data engineering challenges. Stay updated on the latest data engineering and machine learning trends to continuously improve practices and tools.

**Qualifications**

Bachelor's degree in Atmospheric Science, Meteorology, Computer Science, Software Engineering, or a related field. 3+ years of experience in software development with the emphasis of programming languages as specified below.  Experience in graduate school may count towards this experience. Proficiency with Python. Proficiency with the Python geoscientific stack, including xarray, dask, and zarr. Experience manipulating large weather and climate datasets using scalable and efficient code, required. Experience with version control systems like Git within GitHub.  Preferred experience with cloud computing platforms like AWS, Google Cloud, or Azure (a very strong preference to Azure).  Strong problem-solving skills and the ability to think critically. Excellent communication skills. Start-up experience is a plus. Proven track record of contributing to complex projects and delivering high-quality software solutions. 

## Hiring organization

Climavision

## Job Location

Louisville, Kentucky, United States

## Base Salary

\$ 65000 - \$ 110000

## Date posted

May 21, 2024

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Physical Demands & Work Environment:â?‑â?‑â?‑ This is a full-time, exempt position.â?‑â?‑â?‑ Fully Remote from the United Statesâ?‑â?‑â?‑ This job requires frequent use of a computer to complete tasks, attend meetings, and communicate via Microsoft Teams.â?‑â?‑ Once you land this position, youâ?‑ll get to enjoy:â?‑â?‑â?‑ Benefits of a dynamic and growing organizationâ?‑â?‑â?‑ A challenging, hands-on role that will have real impact on the businessâ?‑â?‑â?‑ Competitive compensationâ?‑â?‑ Comprehensive benefits packageâ?‑ 401(k) Savings Planâ?‑â?‑ Medical/Dental/Vision Benefitsâ?‑â?‑ Health Savings Account (HSA) and Flexible Spending Account (FSA)â?‑ Unlimited Paid Time-offâ?‑â?‑ 10 Paid Holidaysâ?‑ Paid Parental Leaveâ?‑â?‑ Company Paid Short-term Disability (STD)â?‑ Company Paid Long-term Disability (LTD)â?‑ Company Paid Life Insuranceâ?‑â?‑â?‑ The salary range for this position is \$120-150k annually, however Climavision considers several factors when extending an offer of employment including but not limited to, the applicantâ?‑s education, experience, the responsibilities of the role, training, knowledge, skills, and abilities, as well as internal equity and alignment with market data.â?‑ Any offer of employment is contingent on completion of a background check to company standard.â?‑ Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.â?‑ Climavision is an equal opportunity employer. All aspects of employment including the decision to hire, promote, discipline, or discharge, will be based on merit, competence, performance, and business needs. We do not discriminate on the basis of race, color, religion, marital status, age, national origin, ancestry, physical or mental disability, medicalâ?‑â?‑â?‑â?‑â?‑ condition, pregnancy, genetic information, gender, sexual orientation, gender identity or â?‑â?‑expression, veteran status, or any other status protected under federal, state, or local law. This position requires candidates to be currently residing in the United States and to hold U.S. citizenship, as we are unable to offer visa sponsorship. Please mention the word \*\*IMPROVED\*\* and tag RMTUxLjgwLjE0My4yMDY= when applying to show you read the job post completely (#RMTUxLjgwLjE0My4yMDY=). This is a beta feature to avoid spam applicants. Companies can search these words to find applicants that read this and see they're human.

## Contacts

Job listing via [RemoteOK.com](https://www.RemoteOK.com)