CLOUDFRAME
ANALYTICS

Overview of Cloudframe's evergreen positions

Cloudframe offers our clients data scientists as a service. That means deploying teams of data scientists supported by teams of data engineers and software developers to our customer's problems in order to apply their data to building viable solutions. We focus on cloud-based machine learning solutions, but provide a full range of data science services depending on the requirements of a given project.

This document is organized by those three disciplines, each describing a competitive candidate within that title, followed by a broad overview of our benefits. The requirements are a wish list. An entry level candidate may only have experience with a few of them, while a senior level candidate should have familiarity with all and expertise in some. Mid-level candidates fall somewhere in between. Regardless of level, a successful candidate will demonstrate an ability and aptitude to learn and grow; recognizing that each major project offers opportunities to expand. An ability to communicate effectively is also a common skill for our practitioners, and cloud certifications are a plus.

We're always looking for candidates at all levels. Further, we have especially interesting opportunities for cleared candidates. Questions? Contact us at work@cloudframe.io.

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Data Engineer

A Data Engineer can find and extract, transform, and load (ETL) data in myriad formats into a back-end that's capable of servicing application and data science workloads. Below are the skills and experiences that typify a Cloudframe Data Engineer:

- ETL with Python, Java, Scala, or similar.
- Accessing and extracting data from legacy relational systems (e.g. Oracle).
- Munging poorly formatted or unstructured data.
- Handling various data formats including unstructured text, imagery, and geospatial layers.
- Entity resolution from disparate data sources.
- Using distributed frameworks (e.g. Spark, Databricks) along with container management systems (e.g. Docker, Kubernetes) to execute data engineering workloads.
- Deploying data engineering workloads using cloud (e.g. AWS) resources.
- Designing and deploying cloud architectures; especially within the AWS ecosystem.

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Data Scientist

A Data Scientist combines a coding skill set with knowledge of mathematical optimization and statistics to extract descriptive, predictive, and prescriptive signal from data. Below are the skills and experiences that typify a Cloudframe Data Scientist:

- Understanding the underlying mathematics of popular machine learning algorithms; including how they optimize and when one particular algorithm is useful over others.
- Using a common open source data science framework (e.g. Anaconda) to create production quality models.
- Conducting Exploratory Data Analysis (EDA) and creating compelling visualizations in order to form data-driven hypotheses.
- Conditioning, enriching, and reducing feature spaces (e.g. PCA) in preparation for model training.
- Combining multiple data types and sources into a single model training data set to address a particular problem.
- Accessing data in database systems (e.g. Redshift or ElasticSearch) using common programming tools (e.g. SQL).
- Using cloud resources (e.g. EC2) and/or managed services (e.g. SageMaker) to train and deploy models or decision support systems.
- Using managed cloud services (e.g. Comprehend) as part of a decision support application pipeline.
- Deploying data preparation workloads and models as part of containerized services using Docker or similar.

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Software Developer

A Software Developer writes maintainable code in order to create scalable web applications while employing good UI/UX practices. Below are the skills and experience that typify a Cloudframe Software Developer:

- Delivering production quality software using Agile processes.
- Developing application front-ends using modern libraries (e.g. React, Vue) to visualize and navigate large data sets.
- Creating interactive and intuitive data visualizations using existing charting libraries (e.g. GraphViz, D3)
- Designing application back-ends with technologies (e.g. SQL, NoSQL, graph databases) that best fit the requirements of a particular project.
- Creating data APIs (e.g. REST or GraphQL) with authentication and authorization in order to securely expose data to users.
- Experience and proficiency coding in multiple languages such as Java, Python, Scala, C#, JS, etc.
- Experience developing and deploying serverless web applications (e.g. AWS).

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Benefits

At Cloudframe we're committed to hiring, training, and retaining the highest quality candidates. We offer compensation well-above the market average and industry best benefits:

- Healthcare
  - We cover 100% of healthcare premiums for a $0 deductible PPO plan provided through Anthem.
- 401K
  - We contribute a flat 10% of each paycheck, vested immediately, to a 401K plan provided through Vanguard.
- Training & Professional Development
  - We pay for training and certification that's relevant to furthering your career. Further, we help pay for conference participation on a case by case basis.
- Expenses
  - We help cover travel costs on a case by case basis.
- Work-life balance
  - While each project is different, we're committed to reasonable schedules and flexible work arrangements. If you deliver, so do we.

Interested in a benefit that you don't see above? Let us know: work@cloudframe.io