

System1 is looking for engineers with production data experience to join the Data Engineering team. This team is the horizontal layer that supports business intelligence, optimization, machine learning, and external & internal reporting. We process and report on hundreds of millions of events and user attributes per day, gathered from an extremely heterogeneous and large set of data streams.

Our bread and butter is Python and SQL. We utilize a range of technologies including AWS SNS, SQS, EC2, S3, Secrets Manager, Redis, Apache Airflow, Docker, as well as PostgreSQL and Snowflake for our data warehousing.

The Role You Will Have

- Architect new components and improve on a coherent and performant data architecture
- Prototype, develop, deploy, and debug data ingestions and data management services
- Evaluate, recommend, and perform proof-of-concepts for new data toolsets and systems
- Design databases and construct queries and reports for a data driven business: guiding architectural design, business decisions, and optimizations
- Participate in peer code reviews and produce high quality documentation
- Take projects through the full engineering lifecycle: designing, ticketing, building, testing, deploying, and debugging tools and products
- Help grow a team and work with a tight knit group of engineers and data stakeholders
- Flexibility in working with different teams, products, and their data needs.

What You Will Bring

- Bachelor's in Computer Science or equivalent
- 6+ years of experience with Python development
- 6+ years of experience working and reasoning with large SQL datasets (Experience with PostgreSQL and Snowflake a plus)
- Understanding of NoSQL datastores like DynamoDB and Redis
- Experience with Linux and the AWS ecosystem
- Experience with Docker a plus
- Experience with Airflow a plus