Sam Kahn

Full Stack Engineer

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OBJECTIVE

Looking to use my skills and knowledge in data infrastructure, database management and web development to become a valued team member at a company I believe in. I aim to do stimulating work with a team that has a strong set of core values, but is also willing to let me add my own individuality. While moving past the early stages in my career, I am looking to continue to enhance my technical skills as well as develop my career path.

EXPERIENCE

Perceptive Automata   (June 2019 -)
Full Stack Engineer

- Wrote efficient, readable, reliable web-backend components, data infrastructure and ETL data pipelines using Python and working heavily with libraries like Pandas and SqlAlchemy with on-premises and (AWS) cloud based data storage.
- Managed and improved existing PostgreSQL database hosted on AWS RDS with tools like PgAdmin, working with complex queries and data-relationships while maintaining normalized design patterns.
- Developed and managed several multi-user web platforms, from our custom annotation site to internal admin tools maintaining site reliability, consistency and integrity, hosted on AWS tools like EC2 and S3.
- Created clean user interfaces and intuitive data visualizations using front end tools like React, Redux, Flask blueprints, and C3.js.
- Led multiple projects to develop visualization, monitoring, debugging, testing, and optimization tools for various systems.
- Fulfilled feature requests and supported existing systems' requirements.
- Paired with stakeholders in Data Infrastructure and on other teams to assist with data-related technical issues and support their data infrastructure needs.
- Worked within a small team, collaborating with colleagues to conceptualize, build and implement impactful features.
- Continuously improved software engineering practices within the codebase.
- Co-founded the Diversity, Equity and Inclusion group to assess and reinvent the team's core moral fabric while driving change in our composition through hiring programs and mentorship plans.
- Technologies used: Python, PostgreSQL, Docker, AWS (S3, RDS, EC2, ECS), JavaScript, Unix, Pandas, NumPy, SqlAlchemy, Poedit, Flask, Jinja, React, Redux, C3.js, Redis, PyCharm, PgAdmin4

Tocci Building Corporation   (July 2017 - Jan 2019)
Cost Engineer

- Coordinated proposals and between sub contractors and Tocci.
- Created and managed purchasing agreements for hand-off to operations team.
- Maintained external relationships between Tocci, project owners, developers, union representatives and architects.
- Worked in an intimate team and developed strong interpersonal, organizational and time-management habits.
- Held deadlines while maintaining quality of work.

EDUCATION

General Assembly   (Jan 2019 - Apr 2019)
Web Development Immersive

- Completed full time 500+ hour web development and software engineering immersive program.
- Gained experience in a variety of skills including computer science fundamentals, web development, database management and sprint workflow.
- Planned, developed and presented four projects in week-long sprints in both individual and group settings while holding to strict user requirement documents.
- Technologies learned: JavaScript, React, Express, MongoDB, Node, Mongoose, HTML5, CSS, Ruby, Rails, PostgreSQL, Bootstrap, SASS, jQuery, Handlebars, Git, Amazon Web Services

Northeastern University   (Sep 2012 - May 2017)
B.S. in Civil Engineering

- Specialized in transportation engineering, culminating in a capstone project to redesign a major artery in southern Boston with a preference for sustainable design and complete streets for all users.
- Graduated with cum laude honors.