

Gurleen Singh

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EDUCATION

Drexel University

Bachelor of Science in Computer Science

Minor in Entrepreneurship and Innovation

Relevant Coursework: Data Structures, Systems Programming, Artificial Intelligence, Software Architecture I, Linear Algebra

Anticipated Graduation: June 2023

Philadelphia, PA

WORK EXPERIENCE

Linode, LLC

Software Engineer

Philadelphia, PA

March 2020 - Present

- Contribute new code and tests to Linode API v4 using Python and Flask for 800k+ customers
- Engineered and deployed SSL certificate upload feature for Object Storage service
- Decreased API response time by 20% by measuring and configuring app logging using Salt
- Accelerated developer metrics tracking for managers by building Vue interface for GitHub Enterprise API

WeWager

Co-Founder and Chief Technology Officer

Philadelphia, PA

May 2019 – October 2020

- Led the development and launch of web app and REST API with Django in use by 200+ users
- Administered backend infrastructure on Linux hosts using Docker
- Implemented mobile client using Dart and Flutter for release on iOS and Android
- Collaborated with non-technical staff to build consistent vision across teams

PROJECT EXPERIENCE

DragonsTV Graphics Playout Software

March 2019 – Present

- Developed a Node app for rendering broadcast graphics for online and TV (NBCS Philadelphia) distribution
- Designed animated web graphics using Vue.js and GreenSock
- Yielded savings for athletics department of \$10,000+ by not purchasing commercial graphics software

Astra

December 2020

- Built a Python web framework similar to Flask, with full WSGI support
- Added features such as URL parsing, blueprints, and middleware

Mercantile

August 2020

- Developed and deployed an e-commerce REST API using Django, Postgres and Docker
- Implemented frontend website using Vue, Tailwind CSS and API client built from OpenAPI schema

SKILLS

- *Programming Languages:* Python, JavaScript (advanced), Dart, Bash, C/C++, Go, Rust, HTML/CSS (intermediate)
- *Frameworks:* Django, Flask (advanced), Express, Vue, Flutter (intermediate)
- *Technologies:* Docker, Kubernetes, Salt, Linux, AWS

HONORS AND ACTIVITIES

- Teaching Assistant for CS 164: Introduction to Computer Science
- Dean's Ambassador for College of Computing and Informatics
- Research Lead for Drexel Blockchain
- Social Committee Chair for All-College Choir
- A.J. Drexel Scholarship Recipient, 2018-2023