

Skills

Languages:

Python 3, JavaScript ES6,
HTML 5, CSS 3, C/C++,
Java, SQL, MySQL

Technologies:

Flask, Django, Pandas,
NumPy, Matplotlib, Seaborn,
React, Bootstrap 4, Sass
AWS, Azure

Other:

CodeCommit, ECR, EC2, S3,
Docker, Heroku, Git, GitHub,
Bash, zsh, ssh, Jupyter,
OOP, PP, Agile, Waterfall,
rapid prototyping,
graphic design, UI/UX

Soft Skills:

Fluent English & Spanish,
team oriented, dependable,
adaptable, logical

Education

Anticipated: June, 2020

Bachelor of Science, Computer science

University of Houston -
Downtown

Coursework

Linear Algebra, Calculus II,
Statistics, Discrete Math,
Data Structures & Algorithms,
Software Engineering,
Operating Systems, Technical
Writing, Relational Databases,
Web Programming,
Statistical Machine Learning.

Experience

Sep. 2019 - Ongoing

Full-stack Python Software Developer

CAMS, LLC
Corporate Headquarter
Houston, TX

- Optimized methods of data acquisition, exploration, and wrangling.
- Streamlined generation of real-time visualizations for time-series analysis.
- Integrated AWS micro-services, prioritizing scalability, continuous integration, and rapid deployment.
- Improved UI of dynamic web app to use mobile responsive web design.
- Worked with stakeholders to gather functional and technical requirements.

May 2019 - Aug. 2019

Coding Instructor

University of Houston
Education System
Houston, TX

- Administered project-based learning for accredited summer code camp.
- Taught 60+ students Agile Arduino programming, principles of Object Oriented Programming using Python, and, logical design with GameMaker.

Feb. 2019 - Mar. 2019

Field Data Analyst

Trace (traceup.com)
Woodlands, TX

- Contracted with AI company for a national soccer tournament (ECNL).
- Responsible for data acquisition, and curating analytics for 300+ players.
- Facilitated, managed, and built reports on data from AI cameras and real-time telemetry devices.

Projects

CAMS E-TRaC, SaaS

AWS, Python, Pandas,
NumPy, Matplotlib, JS,
HTML, Flask, Bootstrap

- Contributing to dev. of Oil and Energy assets analytics enterprise software centered on tracking of finances, energy generation, and integration of time-series forecasts.
- Managing projects in partnership with Fortune 500 companies.

2019 Microsoft IoT Hackathon | Bump.IT



1st place winners

Microsoft Azure, Python,
Computer Vision

- Placed 1st at Microsoft hosted Smart-Infrastructure Hackathon.
- Designed & developed app for potholes detection, using computer vision and geo-mapping of integrated mobile telemetry data.

Novel CoronaVirus Analytics Dashboard

Python, Django,
Heroku, SQLite

- Built progressive analytics dashboard using John Hopkins University dataset.
- Modular dashboards featuring authentication, interactive plots and automating data via web scraping.