

Skills

Languages:

Python 3, JavaScript ES6,
C, C++, HTML, CSS 3, Java,
SQL, R, VB.NET

Technologies:

Flask, Django, Pandas,
NumPy, Matplotlib, Plotly,
ChartJS, Seaborn, SciKit
Learn, TensorFlow,
Bootstrap, AWS, Azure.

Other:

AWS CodeCommit, ECR,
EC2, S3, Forecast, Docker,
Heroku, Git, GitHub, Git bash
ssh, Jupyter, data analysis,
Excel, rapid prototyping,
graphic design, UI/UX.

Soft Skills:

Fluent in 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 - Mar. 2020

Full-stack Python Software Developer

CAMS, LLC
Corporate Headquarter
Houston, TX

- Automated web-scraping methods, and wrangling oil & energy big data.
- Streamlined generation of real-time visualizations for time-series analysis.
- Integrated AWS micro-services, prioritizing scalability, continuous integration, and rapid deployment.
- Redesigned user interface of Flask web-app to use mobile responsiveness
- Coordinated with stakeholders to meet 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

Covid-19 Interactive Analytics Dashboard

Python, Django,
Heroku, Plotly, ChartJS
Bootstrap, Pandas

- Built open-source progressive analytics dashboard with Django.
- Modular dashboards features automatic web-scraping, interactive plots and charts.

CAMS E-TRaC, SaaS

AWS, Flask, Python,
Pandas, JS, HTML,
Bootstrap, Matplotlib,
Linux, Firebase

- 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.