

## 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](http://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.