



# Ruiz Brian

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## 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

- Responsible for automating data acquisition, exploration, and wrangling
- Generating real-time visualizations and performing time-series analysis for valuable insights to stakeholders
- Integrating AWS microservices. Prioritizing scalability, continuous integration, and rapid deployment
- Designing & developing mobile responsive dynamic User Interface's

*May 2019 - Aug. 2019*

### Coding Instructor

University of Houston  
Education System  
Houston, TX

- Administered project based learning for summer code camp.
- Taught Agile programming with C for Arduino, and OOP with Java.
- Taught Design concepts of 3D animations, and game design.

*Feb. 2019 - Mar. 2019*

### Field Data Analyst

Trace ([traceup.com](http://traceup.com))  
Woodlands, TX

- Contract with AI company, for a national soccer tournament.
- Responsible for data acquisition, curating analytics for 300+ players.
- Facilitated setup of AI cameras, and athletes with telemetry devices

## Projects

### CAMS E-TRaC, PaaS

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

- Contributing to dev. of Oil and Energy assets analytics enterprise software centered on tracking finances and 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

- Designed & developed app for automated road-potholes detection with computer vision reinforcement learning, and mapping with integrated mobile telemetry data.

### Novel CoronaVirus Analytics Dashboard

Python, Django,  
Heroku, SQLite

- Built online progressive analytics dashboard containing official 2019-nCov pandemic datasets.
- Modular dashboards featuring authentication, interactive plots and automating data web scraping