



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)
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