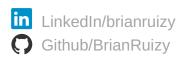
# Ruiz **Brian**



- www.brianruizy.com
- m: 832-744-7133
- brianruiz@protonmail.com

## **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

## **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.

## **Education**

Anticipated: June, 2020

Bachelor of Science. Computer science

University of Houston -Downtown

## **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.

## Coursework

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

#### 2019 Microsoft IoT Hackathon | Bump.IT

X 1st place winners Microsoft Azure, Python, Computer Vision

**Novel CoronaVirus** 

Python, Django, Heroku, SQLite

- 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.
- **Analytics Dashboard**

 Built progressive analytics dashboard using John Hopkins University dataset.

 Modular dashboards featuring authentication, interactive plots and automating data via web scraping.