Brian Ruiz

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github.com/BrianRuizy | linkedin.com/in/brianruizy

SKILLS

Languages:
Python 3, C, C++, HTML, CSS, JavaScript, Java, R, VB.Net

Technologies:
Django, Flask, NumPy, Pandas, Matplotlib, Plotly, AWS, Azure Logic Apps, Scikit - Learn, Bootstrap 4, TensorFlow, SQL

Miscellaneous:
CodeCommit, EC2, S3, Docker, GitHub, Git, Heroku CD, Travis CI, Shell scripting, VIM, Jupyter Notebook, Agile- Development, UI/UX

EXPERIENCE

Sep. 2019 - Mar. 2020
Python Developer
Consolidated Asset Management Services
Houston, TX

- Integrated and managed AWS EC2 instances, prioritizing scalable Docker continuous-delivery.
- Managed pipeline for acquisition of oil & energy datasets, and preprocessing; all stored on S3.
- Streamlined generation of real-time Python data visualizations for time-series analysis.
- Redesigned UI of Flask web application for an improved UX through mobile responsiveness.
- Coordinated with stakeholders to meet technical requirements of Fortune-500 affiliated Projects.

May 2019 - Aug. 2019
Coding Instructor
University of Houston Education System

- Administered project-based learning for internationally accredited summer code camp.
- Taught 60+ students procedural programming with Arduino, principles of Object-Oriented Programming using Python, and, logical game design with GameMaker.

Feb. 2019 - Mar. 2019
Field Data Analyst
Trace (traceup.com)
Woodlands, TX

- Contracted with artificial intelligence company for a national soccer tournament (ECNL).
- Responsible for data acquisition, which curated analytics for 300+ athletes.
- Facilitated, managed, and reported data collected from cameras and telemetry devices.

EDUCATION

Anticipated: June, 2020
Bachelor of Science, Computer science
University of Houston - Downtown

Coursework:
Linear Algebra, Calculus, Statistics, Discrete Math, Data Structures and - Algorithms, Software - Engineering, RDBMS, OS, Technical Writing ,Web Programming, Machine Leaning.

PROJECTS

Django Dashboard | **COVID-19**
Pandas, Plotly, Heroku CD, Travis CI, SQLite
★40 ⑂29

- Leading development of open-source analytics-dashboard, using live Coronavirus data for the creation of interactive maps, plots and tables.
- Dynamic web-app features automated data pulls, and CI/CD for testing and deployment.

Django Booking-app | **BookOmatic**
Python, Firebase, ReactJS, PostgreSQL
★360 ⑂180

- Contributing to development of large open-source automated peer-to-peer calendar booking web-application.
- Working on Django back-end, writing views and template system, as well as UI design

1st place winners, 2019
Microsoft IoT Hackathon | **Bump.IT**
Python, React, Azure, Computer Vision
★5 ⑂4

- Placed 1st at Microsoft Smart-Infrastructure Hackathon, hosted by *The Cannon* - Houston
- Leaded app design for road potholes' detection, created pipeline for data processing, mapping with GeoPy, and automatic user notifications.
- Implemented Azure logic apps for mobile telemetry data and used Azure Computer Vision to analyze and categorize images.