Brian Ruiz

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EDUCATION

University of Houston - *Downtown* .... Anticipated: June, 2020
Bachelor of Science, Computer Science
- Linear Algebra, Calculus II, Statistics, Discrete Math, Data Structures & Algorithms, Software Engineering, Operating Systems, Technical Writing, Relational Databases, Web Programming, Statistical Machine Leaning.

SKILLS

Programming:
- Python 3, JavaScript ES6, C/C++, HTML 5, CSS 3, Java, SQL, MySQL.

Technologies:
- Flask, Django, Pandas, NumPy, Matplotlib, Seaborn, Bootstrap 4, AWS, Azure.

Other:
- AWS CodeCommit, ECR, EC2, S3, Forecast, Docker, Heroku, Git, GitHub, Bash, zsh, ssh, Jupyter, agile, waterfall, OOP, rapid prototyping, graphic design, UI/UX

Soft Skills:
- Fluent in English & Spanish, team oriented, dependable, adaptable, logical.

EXPERIENCE

Full-stack Python Software Developer .... Sep. 2019 - Ongoing
CAMS, LLC - *Corporate Headquarters, Houston, TX*
- Optimized methods of data acquisition, exploration, and performed data wrangling.
- Streamlined generation of real-time python based data visualizations for time-series analysis.
- Integrated AWS micro-services, prioritizing scalability, continuous integration, and rapid deployment.
- Redesigned and Improved User Interface of Flask-based web app to use mobile responsive web design.
- Worked and coordinated alongside stakeholders to gather functional and technical requirements.

Coding Instructor .... May 2019 - Aug. 2019
University of Houston System - *Houston, TX*
- Administered project-based learning for internationally accredited summer code camp.
- Taught 60+ students Agile Arduino programming with C, principles of Object Oriented Programming using both Python and Java, and logical application design with GameMaker studio.

Field Data Analyst .... Feb. 2019 - Mar. 2019.
Trace (traceup.com) - *Woodlands, TX*
- Contracted with Artificial Intelligence 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 full-stack development of Oil and Energy asset's analytics enterprise software.
- Concentrated on tracking of finances, energy generation, and integration of time-series forecasts.
- Managing multiple projects whom are in partnership with top Fortune 500 companies.

Microsoft 2019 Smart Infrastructure Hackathon | Bump.IT
1st place winners - Microsoft Azure, Python, React, Computer Vision
- Placed 1st place for solution concept at Hackathon, working alongside MS Cloud Solution Architects.
- Developing application for road potholes detection, using Azure's Computer Vision reinforcement learning, and geomapping of location coordinates from integrated mobile telemetry data with Python.

Novel Corona Virus Analytics Dashboard
Python, Django, Pandas, SQLite, Heroku
- Developing progressive Django based analytics dashboard using John Hopkins University datasets.
- Modular dashboards featuring end-user authentication, interactive web plots, and automating of data acquisition using Kaggle API to AWS S3, all deployed using Heroku containerization.