Bryan Lee

Software Developer

512-963-6917

thisnotbryan@gmail.com   **Portfolio**   **LinkedIn**   **Github**

Skills
C/C++, Java, JavaScript, Python, SQL, HTML, CSS, R, Data Modeling, Qualtrics

Technologies
AWS, GIT, Apache, MySQL, XML, JSON, Django, Flask, Bootstrap, React, Spring Boot, JUnit

Work

Tarantula.LA | Los Angeles, California   *Jun 2020 - Current*
VFX Software Developer
- Developed JavaScript and Python extensions for visual effects/video editing platforms including Adobe Premiere, After effects, and DaVinci Resolve.
- Designed the system architecture for the desktop and web application.

C.R. Surf and Turf | Cedar Park, Texas   *Jun 2011 - Dec 2018*
Customer Service Staff
- Designed a custom Customer Relationship Management software to successfully interpret customer interactions data to improve business relationships and customer retention.
- Handled numerous customer issues at one time, maintaining composure while resolving concerns using tact and good judgment as well as deploying crisis management tactics resolving escalations and outbreak

Projects

Fitness.AIO (Web Based) | *(React, Python, Django, PostgreSQL, JavaScript, Heroku, AWS)*   **Live** | **GitHub**
Jan 2020 - Present
- Developed a full stack web application using a custom algorithm to analyze and interpret clients nutrition metrics.
- Implemented the backend using CRUD principles and MVC architecture with Django framework enhancing site reliability by 30%.
- Redesigned a backend architecture that increased customer traffic by 12%.

Fitness.AIO (Desktop Based) | *(Java, Spring Boot, JUnit 5, Apache Derby, GIT, Hibernate)*   **GitHub**
Aug 2019 - Dec 2019
- Collaborated in a team to build a desktop application that keeps track of fitness information and calculations.
- Used statistical techniques for hypothesis testing in order to validate data and interpretations.
- Conducted unit testing using JUnit 5 to increase function accuracy for each Agile iteration by 30%.

Journalism Review | *(Python, MySQL, HTML, CSS, Bootstrap, Flask, GIT)*   **GitHub**
Aug 2019 - Dec 2019
- Designed a relational database schema that dynamically handles and indexes new information on the fly.
- Implemented specialized queries that ran 7% faster than stock functions.
- Built a REST API to handle direct requests from Qualtrics survey reports improving user satisfaction by 20%.

Translator | *(Java, Sockets, Protocols)*   **GitHub**
Nov 2019 - Dec 2019
- Interacted with the Yandex API to create server/client protocols to translate information between 90 different languages.
- Implemented SpringBoot to handle API requests with 13% increased efficiency.

Bus Network | (Python, SQL)   **GitHub**
Aug 2019 - Dec 2019
- Constructed a database schema and algorithm tracking arrivals and departures of bus transit from Waco, Texas to give the most optimal route with 87% accuracy.
- Improve system performance by 7% that handled both JSON objects and CSV files.

Huffman Compression | *(C++, Tree Data Structures, Algorithms)*   **GitHub**
Nov 2019 - Nov 2019
- Implemented a 10% smaller algorithm to compress and decompress large data files.
- Used a custom tree data structure that optimizes file sizes for 5% better storage usage.

Education

Baylor University - *B.A. Psychology, Computer Science 2014-2019*
- Member of Association for Computing Machinery