

# Bryan Lee

Software Developer

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[thisnotbryan@gmail.com](mailto:thisnotbryan@gmail.com) [Portfolio](#)

[LinkedIn](#)

[Github](#)

**Skills** C/C++, Java, JavaScript, Python, SQL, HTML, CSS

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

## 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 calculate a clients nutrition information.
- 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.
- Implemented GoF system design patterns to optimize scalability.
- 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 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.

## Work

**C.R. Surf and Turf** | Cedar Park, Texas

*Jun 2011 - Dec 2018*

**Customer Service Staff**

- 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

## Education

**Baylor University** - *B.A. Psychology, Computer Science 2014-2019*

- Member of Association for Computing Machinery