

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

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

Work

National Driver Training | Lakeway, Texas

Dec 2020 - Current

Software Developer

- Support efforts to develop educational websites for multiple programs to meet the requirements of multiple state agencies.
- Migration of legacy php software to latest build, optimized existing web interfaces to increase performance and scalability.
- Redesigned the payment portal and gateway to handle 3rd-party integration in PHP and SQL.

Tarantula.La | Los Angeles, California

Jun 2020 - Dec 2020

Software Developer

- Lead Applications developer responsible for development, testing, and deployment of visual editing software used by Emmy awarded visual effects artists.
- Worked in parallel with other development teams to create an ecosystem of applications that improved a customers workflow by 13%.
- Redesigned the system architecture for the company's primary application, increasing customer engagement by 29%.

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 - June 2020

- 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%.

Education

DePaul University - M.S. Computer Science 2020-2022

Baylor University - B.A. Psychology | Minor: Computer Science 2014-2019

- Member of Association for Computing Machinery