

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE – MINOR IN MATHEMATICS – GPA: 3.88/4.00

Texas State University | San Marcos, TX | May 2022

Honors: Graduated *summa cum laude*, 2021 Computer Science Undergraduate Academic Excellence Award & Dean's List

Relevant Courses: Object Oriented Programming, Computer Networks, Computer Security & Operating Systems

BACHELOR OF BUSINESS ADMINISTRATION IN MANAGEMENT

Texas State University | San Marcos, TX | May 2015

Skills and Technologies

Languages: C++, C, Java, Python, JavaScript, TypeScript, SQL, HTML5, CSS3 & Bash

Technologies: Angular, Spring Boot, Postman, PostgreSQL, pgAdmin4, Git, Wireshark, Nmap & Linux

Recent Work Experience

FULL STACK DEVELOPER APPRENTICESHIP – Cook Systems

Remote | 03/04/2024 – 05/01/2024

- Developed and tested dynamic full-stack web applications using Java, JavaScript, Spring Boot and Angular.
- Designed and implemented RESTful APIs for smooth communication between front-end and back-end components and tested via Postman.
- Teamed with 5 developers and utilized Git version control and CI/CD pipelines to ensure we meet project deadlines.

COMMERCIAL LINES CUSTOMER SERVICE AGENT – Progressive Insurance

Austin, TX | 09/24/2018 – 05/21/2021

- Gained extensive knowledge of multiple IT computer systems from command line legacy applications to modern web hosted applications in order to properly serve customers.
- Served as a technical support agent for customers and insurance agents for the Progressive website and mobile app.
- Solved multiple complex insurance, billing and technical problems for customers and co-workers on a daily basis.
- Managed customer accounts worth up to \$500,000 while also responsible for product growth and client retention.
- Collaborated with a team of 10-15 individuals on a daily basis and actively contributed to weekly team meetings.

Software Projects

- **Company Management Web App:** Built a full-stack web application that provides businesses and their employees a smart and efficient way of communicating using Java, TypeScript, Angular and Spring Boot.
- **Spotify Guessing Game:** Created a frontend Angular and JavaScript application that uses data pulled via Spotify Web APIs to create a game that has the player guess the artists of the fetched track samples.
- **Twitter API:** Developed a backend RESTful Web Service using Java and Spring Boot that mimics Twitter with multiple endpoints for creating, updating and retrieving user information and social media posts.
- **C-Language Compiler:** Constructed a C-language compiler complete with scanner, parser, and assembly language code generator. The program utilized regular expressions to scan and tokenize a program's instructions into parsed data that is then constructed into an abstract syntax tree according to the C language's syntax and semantics and finally generates an assembly language code file.
- **TCP Client-Server Program:** Created a program to facilitate a client side computer to request and receive data from a file system stored on a server side computer using TCP network connection and communication.