

Andrew Ngo

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Objective

Seeking an entry-level position in software engineering that offers experience, creative direction, and potential growth into technical leadership positions.

Education

The University of Texas at San Antonio

May 2019

B.S. Degree in Computer Science, Concentration in Software Engineering

GPA: 3.00

Technology Summary

Languages- C, Java, HTML/CSS, Perl, Python, Javascript

Databases- MySQL, PostgreSQL

Projects

Angular Quiz: Quiz application that takes information from a JSON file to generate a quiz. The application then compares the user input with the corresponding information to tally a score. This application was built using Angular 5, ExpressJS, and Angular Material mainly.

Random Roulette: Android application that takes user input to generate an equal chance roulette wheel. This application then spins the roulette clockwise and determines an output depending on where the roulette stops at the pointer. This application was built using Java and an android chart library MPAndroidChart.

War Game: Program that implements three different rule sets for the card game war, where the second player can either be a physical user or by the computer. This program was built using Java.

Rock Paper Scissors: Project that implements a combination of design patterns (Observer, State and Command). This project was built using Java.

Password Manager: Desktop application that handles password management for multiple users. In addition to password management, this application checks password strength through entropy calculation as well as generates passwords. This application was built using Java, JavaFX, and MySQL.

Employment Experience

Tata Consultancy Services. Austin, TX. (September 2019 – Present). Software Engineer.

- Learned MEAN stack through team projects.
- Exercised Full Stack Java techniques to complete projects in a collaborative environment.

Yarcort. Kingsley, PA. (June 2018 – September 2018). Web Designer.

- Responsible for designing wireframes and web pages.
- Created multiple web pages as well as made the website GDPR compliant.
- Increased the standard of coding practices.