

## Andrew Ngo

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### Education

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**The University of Texas at San Antonio**

May 2019

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

### Technology Summary

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**Languages-** C (prior experience), Java (proficient), Javascript/Typescript (prior experience)

**Databases-** MySQL, PostgreSQL, MongoDB

**Other-** Angular 2, NodeJS, ExpressJS, Bootstrap, HTML5/CSS3

### Projects

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**Vault:** Web application that handles password management for users. Passwords can either be entered or generated and are separated through categories. Users are notified when a password has not been updated after a given number of days. Password strength calculation is also implemented to show users how secure their passwords are. This application was built using Angular 2, NodeJS, ExpressJS, Angular Material, and MongoDB.

**Penny Pinchers:** Web application that visualizes budget and expense information for a given user. Basic budgeting tool that depicts profit/loss per month for the user depending on user input data. Financial goals are also tracked and related to a specific user in a database. This application was built using Angular 2, NodeJS, ExpressJS, Angular Material, and MongoDB.

**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. Favorite roulette lists are saved locally for reuse. This application was built using Java and an android chart library, MPAndroidChart.

### Employment Experience

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

- YouTube TV NOC Video Operations Analyst
  - Monitored the health of multiple live streams and provided troubleshooting for their respective acquisitions.
  - Automated certain processes to assist in maintenance and troubleshooting tasks.
  - Gained experience in working with cross-functional teams in a large-scale production environment.

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

- Designed and built multiple wire frames and web pages using WordPress as the main technology for production.
- Made the appropriate steps to ensure the website was GDPR compliant.