

RYAN NGUYEN

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EDUCATION

Augsburg University | **GPA: 3.42** - Bachelors of Arts, Computer Science & Bachelors of Science, Biology Expected Graduation: May 2025

Course Work: Data Structure, Algorithm, Object-Oriented Programming, Data Management, Statistics, Web application & Database, Discrete Mathematics

TECHNICAL SKILLS

Front End | HTML, CSS, JavaScript

Back End | Java, Python, mySQL

Libraris/Framework | JQuery, Express.js, NumPy, Pandas

Others | Git, IntelliJ, VScode, Window & Mac OS, Microsoft Office (Excel, Access, Word, etc), Slack, Discord, Spyder

EXPERIENCES

Summer Researcher (Data analyst) | URGO May 2024 - July 2024

- An 11 week undergraduate research program looking at schizophrenia using animal models
- Prepared and cleanse data using Python
- Ran statistical techniques like linear regressions using python library (statsmodel, NumPy, and Pandas)
- Created visuals aids to interpret data

JPMorgan Chase & Co. Software Engineering Lite virtual experience program August 2024 - August 2024

- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit-card rewards department of JPMorgan Chase & Co.
- Created a new class to get an existing system up and running
- Wrote a test suite for the class added

Treasurer | Augsburg Asian Student Association June 2021 - May 2022

- Student Leadership position that managed the funded of a student organization
- Allocated and Managed \$24,000 for the 2021-2022 academic school year
- Facilitated large group meetings and events

PROJECTS

Weather App | Java

- Implementation of GUI
- Recreated Weather Application using Geolocation API and WeatherAPI
- Implemented search function to check weather of different location using GeolocationAPI and WeatherAPI

Taskify | JavaScript

- Web-based task management application that uses Express.js as its framework
- Application uses mySQL to retrieve and add data to/from the Database
- Uses JQuery library

Round Table | Java

- Round Table is a small passion project of mine. It is a 2D story-telling game where the adventurer travels the world and fight bosses
- Application is completely Java based
- Responsibly for creating the collision and movement systems