Grant Johnston

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EDUCATION

Bachelor of Arts, Computer Science   **University of Minnesota, Twin Cities**
GPA: 3.8/4.0   *Graduated: May 2024*
Accomplishments: Dean's List, Graduated with Distinction
Relevant Coursework: Internet Programming, Software Development Processes, Programing Concepts, Algorithms and Data Structures, Discrete Mathematics, Machine Architecture and Organization, Game Design, Web Development, UX/UI Design, Operating Systems, Linear Algebra

PROJECT EXPERIENCE

CurrentSee   Group Project
Developing the Interactive Web   *Spring 2024*
- A React based web personal finance application that was developed in a six week sprint
- Utilizing Google Maps API and other javascript libraries to develop an interactive money tracker
- Serving as the team lead I was responsible for ensuring features were developed on pace
- Finishing with a tech demonstration lead by myself our team accomplished our goals with a 100/100 on the project

AndDone   Group Project
Developing the Interactive Web   *Spring 2024*
- A Flask based web application developed in a six week sprint serving as a Jira-like product
- Developed with an iterative approach, our team produced several jira features all with a CRUD development philosophy
- At the end of the development cycle a tech demo was held, I leading this demonstration received a standing ovation and as a group received an A on the project

Tracks   Individual Project
Developing the Interactive Web   *Spring 2024*
- Developed in a React framework I constructed a streamlined todo list application
- Alongside React I utilized javascript libraries to add more interactivity within the web application
- After the application was polished I submitted it for approval and received an A on the project

RELEVANT EXPERIENCE

Full Stack Developer / QA Expert, Securian Financial, St. Paul, Minnesota   *June, 2023– August, 2023*
- Worked within an agile environment communicating project needs
- Tested web-based endpoints, apis, and encompassing http/s requests in an automated fashion
- Implemented factory design pattern to help generate data in order to speed up process of testing

Teaching Assistant, University of Minnesota, Minneapolis, Minnesota   *September, 2023 – December, 2023*
- Provided office hours to assist in students learning and success.
- Communicated with professor and aided in grading projects and final assessments
- Redesigned past projects and updated comments in code base to better fit current teaching curriculum

Tech Stack

Git, Agile/Scrum, Docker, GitHub CL/CI, Jest, Java, JavaScript, React, Flask, Python, C++, C, Ocaml, SQL, CSS, Computer Graphics, HTML, Render, Templating, Deployment, Rest api, NodeJS, postgresql, Azure, mongodb