**GrantJohnston**

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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