Grant Johnston

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# Education

Computer Science BA Anticipated Graduation: 04/2024

University of Minnesota Twin Cities Minneapolis, MN

Accomplishments: Dean's List GPA: 3.8

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

Work Experience

Securian Financial St. Paul, MN Full-Stack developer / QA Expert 06/2023 - 08/2023

* 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
* Designed web pages with a team of developers to provide new features to the user base.

University of Minnesota Twin Cities Minneapolis, MN Teaching Assistant 09/2023 - 12/2023

* Provided office hours to assist in students learning and success.
* Lead sessions of lab time weekly, going over hands-on material and provided assistance in completing the work
* Communicated with professor and aided in grading projects and final assessments
* Redesigned past projects to better fit current teaching curriculum



Projects

CurrentSee - Personal Finance Tracker: [CurrentSee](https://jolly-hill-0543a4310.5.azurestaticapps.net/)

React-based Web service application that utilizes googles maps API and other libraries to help track budgets

AndDone Task Manager:<https://github.com/johnstongrant/andDone>

Developed a Jira-like platform where users can create projects, add tasks, and manage their workflow.

Todo List Application: [Tracks](https://orange-field-0891ce80f.5.azurestaticapps.net)

Constructed a React-based todo list to help organize my workflow and work with various libraries within react

Drone Simulation: docker image:[Drone Simulation](https://hub.docker.com/r/johnstongrant/team-001-18-hw4)

Extended a simulation by adding new behavior with design patterns and automated testing functionality.

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,