

# Grant Johnston

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## Education

### Computer Science BA

University of Minnesota Twin Cities

Accomplishments: Dean's List

Graduated: 04/2024

Minneapolis, MN

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

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## Work Experience

### Securian Financial

Full-Stack developer / QA Expert

St. Paul, MN

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

Teaching Assistant

Minneapolis, MN

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 aided in completing the work
  - Communicated with professor and aided in grading projects and final assessments
  - Redesigned past projects to better fit current teaching curriculum
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## Projects

CurrentSee - Personal Finance Tracker: [CurrentSee](#)

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](#)

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

Drone Simulation: docker image: [Drone Simulation](#)

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, Heuristics,