Austin Robert Franzen

arfranz.github.io
1540 Kensington Dr
franz422@umn.edu
2246231260

EDUCATION

SEPTEMBER, 2020 - MAY, 2024

University of Minnesota Twin-Cities, B.S. Computer Science

Cumulative GPA - 3.591

AUGUST, 2016 - MAY, 2020

Harry D. Jacobs High School

EMPLOYMENT

2021 - PRESENT

CSE Undergraduate Teaching Assistant, University of Minnesota Twin-Cities

Working alongside a professor to create projects and lab assignments for students. Tasks also include assisting students in lab sections, grading papers, and conducting office hours.

PROJECTS AND EXPERIENCE

Library Student System - *2019-2020*
- Helped maintain and advance my school's library check-in system. Worked with faculty and students to address and solve problems arising in the program. Used Excell to debug and implement new features, as well as reading feedback from driver software.

Robotics Team AI Developer - *2019-2020*
- Worked alongside a partner to develop a program in order to guide a robot to complete tasks such as lifting and driving. Also helped develop a program to allow for autonomous driving and control within a competition ruleset. The program was written using C and C++.

Personal Website - *2021*
- Created a website to showcase various personal projects. Built with readability and user experience in mind. Constructed using HTML and CSS.

SKILLS

Proficient -
- Java, Python

Familiar -
- JavaScript, JSON, C, C++, , HTML, CSS

COURSES

- **CSCI1133** - Python Programming
- **CSCI1933** - Discrete Structures
- **CSCI2011** - Discrete Math
- **CSCI2041** - Advanced Programming Principles
- **CSCI2021** - Machine Architecture
- **CSCI2033** - Elementary Computational Linear Algebra

ACTIVITIES

- **Association for Computing Machinery** - *2021-Present*
- **Google Developers Club** - *2021 - Present*
- **Robotics Team** - *2018-2020*
- **NHS** - *2017-2020*

HONORS

- **Dean's List -** *Spring 2021*
- **Illinois State Scholar -** *2020*