

Austin Robert Franzen

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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

Work 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 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 developed a program to allow for autonomous driving and control within a competition ruleset. The program was written using C and C++.

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
- Chess Club President - 2018-2020
- Computer Science Independent Study - 2019-2020
- Robotics Team - 2018-2020
- NHS - 2017-2020

HONORS

- Dean's List - Spring 2021
- Presidential Scholarship - 2020
- Illinois State Scholar - 2020

