

Austin Franzen

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LINKS

[Personal Website: arfranz.github.io](https://arfranz.github.io), [Linkedin Profile](#)

EDUCATION

Sep 2020 — Dec 2023	Computer Science B.S., University of Minnesota - Twin Cities GPA: 3.603 Dean's List: Spring 2021, Spring 2022	
Sep 2016 — May 2020	Harry D. Jacobs High School ACT: Top %5 State Scholar	Algonquin, IL

EXPERIENCE

Jun 2022 — Aug 2022	Quality Analyst Intern, Endries International I worked to inspect hundreds of parts, audited incoming and outgoing shipments for quality and correctness, and designed a program in Python to assist in LAB color readings. I worked closely with multiple department leads and the company president to ensure quality standards were met.	Sycamore, IL
Sep 2021 — Present	Computer Science Teaching Assistant, University of Minnesota Working with a select team of graduate and undergraduate students to create rubrics for exams, hold office hours, and create labs for a class of over 200+ students. Completed an additional training course that allowed me to gain skills in new teaching methods, communication, and leadership techniques.	Minneapolis, MN

PROJECTS

Jan 2022 — May 2022	C++ Course Project I and another student implemented front and back-end additions to a "virtual drone delivery system" that consisted of hundreds of classes. We utilized Decorator and Factory patterns in order to allow the user to better choose their desired destination and brought battery logic to all drones within the program. Written in C++ and HTML.	
Apr 2022 — May 2022	Course Project I worked with a Teacher's Assistant to create a new course project for use in a Discrete Structures class. I was responsible for leading the project. I communicated with the professor to best meet the needs of the class and achieve strict deadlines. The updated project allowed students to better visualize DFS and BFS search algorithms by integrating the Java.AWT package into the project.	
Jun 2021	Personal Website Developed a website to showcase my various projects. It is built with readability and user experience in mind using HTML and CSS.	

COURSES

CSCI1933 - Discrete Structures
CSCI2011 - Discrete Math
CSCI2021 - Machine Architecture
CSCI2041 - Adv. Programming Principles
CSCI2033 - Linear Algebra
CSCI3081W - Program Design and Development
CSCI4041 - Algorithms and Data Structures

SKILLS

Familiar
HTML, CSS, Javascript, Assembly, Docker

Proficient
Java, C, C++, OCaml, Python, Git