

CHASE E. JOHNSON

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EDUCATION

University of Minnesota, Minneapolis
Master of Science — Computer Science

May 2022
GPA: 3.8/4.0

University of Minnesota, Minneapolis
Bachelor of Science — Computer Science

May 2020
GPA: 3.3/4.0

Relevant Coursework: Software Engineering I & II, Advanced Algorithms and Data Structures, Computer Networking, Database Design & Development, Spatial Data Science, Internet Programming, Operating Systems

PROJECTS

ReachU LLC

Designed and developed a native mobile application in Flutter, which assists university students by finding and tracking events and giving mental health evaluations — offering rewards for attendance to university events.

TECHNICAL STRENGTHS

Programming Languages

Python, C, Java, Rust, C#, SML / OCaml, Prolog, C++, TypeScript, JavaScript, SQL, x86 Assembly

Software & Tools

Linux, MacOS, Windows, Git, Azure, AWS, Terraform, LaTeX

WORK EXPERIENCE

University of Minnesota, Computer Science Department
Graduate Teaching Assistant

January 2020 — Present

- Assisted the professor in the Internet Programming Course (CSci 4131 - HTML, CSS, JavaScript, Python) by assisting in the creation of exams, exercises, assignments, and curriculum.
- Held twice weekly office hours to directly assist students.

Open Systems Technologies
Application Development Intern

May 2020 — August 2020

- Developed web application to assist monitoring of Railcar sensors, assets, and devices. (Angular, C#, Terraform)
- Created and implemented new automatic code coverage and unit test standards for pull request approval with Azure DevOps.

University of Minnesota, Computer Science Department
Undergraduate Teaching Assistant

September 2019—May 2020

- Assisted the professor and students in the Intro to Algorithms course (CSci 1933 - Java).
- Led and graded weekly labs in the class; held weekly office hours; and graded projects and midterms.

LEADERSHIP EXPERIENCE

Theta Chi International Fraternity
Vice President

December 2018—December 2019

- Elected by an 80-member organization to spearhead long-term goals while ensuring smooth daily operations of the fraternity.