

Carson DeSotel

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Education:

University of Minnesota - Twin Cities

2018 - 2022

BA, *Computer Science*

2022

Pursuing courses related to algorithms, data structures, and data processing.

Relevant Courses: Algorithms & Data Structures, Machine Architecture and Organization, Discrete Structures

BS, *Geography*

2022

Pursuing courses related to geographic information systems and urban development.

Relevant Courses: Changing Form of the City

Experience:

University of Minnesota - Twin Cities

Minneapolis, Minnesota

Teaching Assistant

January 2019 - present

- Taught *Intro. to C / C++ for Scientists and Engineers* and *Intro. to Algorithms and Data Structures*.
- Responsible for two lab sections, office hours, grading, and managing a course site.
- Held lab leader responsibilities including further administrative check-in's with course staff.

Optum

Remote

Technology Development Program Intern

June 2020 - August 2020

- Extended an open source governance platform while working as a full stack developer on an agile team.
- Developed a front end statistics reporting dashboard to be used across Optum by open source developers.
- Selected to deliver a presentation and tech demonstration to executive at Optum and Optum - Ireland alongside the entire Summer 2020 intern team across UnitedHealth Group and Optum.
- Delivered four bi-weekly presentations to Optum executives on development progress while accepting and implementing feedback.

Technical Skills:

Software: Angular, Git, GitHub, \LaTeX , Jenkins, Linux (Ubuntu, Manjaro), NodeJS, PostgreSQL, Vim

Programming Languages: C, C++, Java, Python, R, Rust, shell script (Bash), SQL, TypeScript

Languages: English (native), French (working proficiency)

Other: agile development, Kanban workflow, public speaking

Involvement:

Earth Day Minneapolis Cleanup

April 2019

UMN CTF Hacking Competition - 4th place

April 2019

UMN Minnehack 2020 - Participant

January 2020