

Liam Anderson

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EDUCATION

UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MINNESOTA - **COMPUTER SCIENCE**
FALL 2020 - FALL 2024

- Key Courses: Machine Architecture and Organization, Computational Linear Algebra, Advanced Data Structure and Algorithms *in progress*, Introduction to Operating Systems *in progress*.

PERSONAL PROJECTS

EXERCISE DICTIONARY

- Application that contains over 1,000 exercises in which users can browse through and search to learn information about exercises through videos and tutorials.
- Developed using JavaScript and React framework along with MaterialUI library.
- Integration of 'ExerciseDB' and 'Youtube Search and Download' APIs.

MOVIE RECOMMENDER SYSTEM

- Imitation of popular streaming services' collaborative filtering algorithm using genre, rating, and overview as tags to determine suggestions on a dataset of 10,000 movies.
- Developed using Python and Streamlit framework to create a simple User Interface.
- Integration of TMDb API to show suggested movie poster images.

GAME OF CHESS - *ACADEMIC AND BEYOND*

- Developed in Java to demonstrate an excellent understanding of Data Structures and Algorithms.
- Further developed after the academic semester to include En Passant.

EXPERIENCE

Piccadilly Valet

Minneapolis, MN

Valet Supervisor

January 2021 – Present

- Trained new valets on operational procedures using hands-on instruction and mentored shift staff.
- Greeted and interacted with guests in a prompt, courteous, and responsive manner. Assisting with guest needs such as opening car doors, assisting with wheelchairs, luggage, etc.
- Certified Customer Service Specialist certification attained via Forbes training course.

LibreCS - *Open Source Organization*

Minneapolis, MN

Software Developer

January 2023 – Present

- Contributed to innovative and fun open source projects hosted on GitHub.
- Reviewed code to ensure readiness for deployment, implementation and iteration.
- Maintain website upkeep and support for user and technical documentation.

UMN Boynton Health Services

Minneapolis, MN

Health Advocate

Fall 2021 - Fall 2022

- Trained to provide peer health education and resources for UMN students. Point-of-contact at Sigma Pi for providing first aid, symptom advice, distributing meds, and when to go to Boynton.

COMMUNITY INVOLVEMENT

- Annual philanthropy host since 2020 for suicide prevention raising over \$1,200 per year sent to the Nation Suicide Prevention Association.
- Informal computer science tutor for younger students in practice to become a Teacher's Assistant.
- First Aid and CPR Certified.