

Liam Anderson

and08970@umn.edu | 612-214-5444 | Minneapolis, MN

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
