

Matthew Kusnierz

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PROFILE

Computer Science student graduating in December 2025 with strong programming skills in object oriented languages Java, C/C++, JavaScript, and Python. Strong knowledge in full stack development, machine learning, data structures and algorithms, and optimization, as well as creating technical documentation. Looking for employment software engineering and machine learning roles.

EDUCATION

University of California, San Diego
BS, Computer Science

Expected December 2025
GPA: 3.83

SKILLS

- **Languages:** C/C++, Java, Python, JavaScript, HTML/CSS
- **Technical:**
 - Databases/SQL
 - Full stack development
 - Machine learning
 - Restful API
 - Docker
 - Testing/Debugging

PROJECTS

Wardrobe Recommendation Website - Python, JavaScript, HTML, C++, FastAPI

Feb 2025 - Mar 2025

- Built a website where a user can check the weather in their location and get wardrobe recommendations from an LLM based on the weather and the user's wardrobe. The user can also create an account, add, remove, and edit wardrobe items, add real-time temperature and pressure sensors, and view a real-time graph of environmental data. Front-end coded with HTML and JavaScript, back-end coded with Python. Microcontroller code written in C++. Built with Docker [Demo](#). [Link](#).

Snake - C, Arduino, AVR

May 2024 - Jun 2024

- Programmed the game Snake with C and an Arduino microcontroller. Made using Atmel AVR and custom libraries. [Github link](#); Demo link: <https://youtu.be/YVADGBSmJvo>

[California Housing Analysis](#) - Python, Tensorflow, pandas

August 2025

- Analyzed California Housing Prices based on factors like geographic area, house size, median income, etc. using a machine learning model that predicted the price of a house based on the aforementioned factors.