

Jayson Carboo

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github.com/jcarboo | Portfolio: <https://jcarboo.vercel.app/>

EDUCATION

B.S, Computer Science, *University of Maryland*, College Park Fall '22 - Fall '25

Concentration: Machine Learning

Cumulative GPA: 3.3

SKILLS

Languages: Java, Python, Javascript, C, C++, HTML/CSS

Frontend: React, [Next.js](#), Tailwind CSS

Backend: Flask, [Express.js](#), FastAPI

Data: MongoDB, API Integration

Machine Learning: Data processing, supervised models, model evaluation

EXPERIENCE

Sales Associate, *Calvin Klein*, Woodbridge, VA

May 2022 - Feb 2024

Delivered friendly, high-quality service in a high-traffic environment, communicated product details clearly and resolved customer issues professionally, and maintained accuracy and reliability while handling transactions and store operations

Community Assistant, *UMD Resident Life*, College Park, MD

Jan 2023 - Dec 2025

Supported daily operations across multiple residential buildings by assisting residents, managing access keys, and handling packages. Coordinated with staff and supervisors to resolve issues efficiently while following established procedures and policies. Developed strong communication, accountability, and teamwork skills in a fast paced, responsibility driven environment.

PROJECTS

Dreamer - Study Planner & AI Study Aide | React, Flask

University of Maryland

Designed and implemented a full-stack web application using React and Flask to help students generate and manage personalized study plans. Includes RESTful APIs for scheduling and user data, AI note summarization and quiz generation, and community features such as partner discovery

Farm Profit Estimator | [Next.js](#), Flask, Machine Learning

University of Maryland

Developed a data-driven website that applies machine learning models to historical USDA cost-and-return datasets to estimate annual farm profit. Built backend services to process input parameters and return model predictions via API. Frontend built with [Next.js](#) for data visualization

Trendbase | [Node.js](#), HTML/CSS

Thomas Jefferson High School for Science and Technology

Created a full-stack web platform that analyzes and visualizes topic trends over time using external APIs. Included discussion features that allow users to explore and comment on trend relationships.