

# Owen Finucan

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## Education

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University of Pittsburgh

Pittsburgh, PA

B.S. Computer Science, Mathematics Minor

Aug 2022 - Dec 2025

- Relevant Courses: Deep Learning, Machine Learning, Web Development, Data Structures and Algorithms, Linear Algebra, Calculus 3, OS

## Professional Experience

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New Student Ambassador - University of Pittsburgh

May 2023 - May 2024

- Created, organized, and led large-scale social programs for incoming first-year students at the University of Pittsburgh
- Mentored 200+ incoming students, providing academic, professional, and social advice via face-to-face interactions and through social media

Sales Associate - Staples

Mar. 2022 - Oct. 2022

- Responsible for creating and selling various print products, driving thousands of dollars in sales

## Projects

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Movie+ Streaming Platform | *React, TailwindCSS, JS, Python, PostgreSQL, Stripe, Docker*

May 2025 - July 2025

- Full-stack Netflix-style streaming application with multi-step user onboarding, Stripe-powered payment system, and user authentication
- Designed and deployed a modular frontend with React / Tailwind, with dynamically filled carousels of movies via the TMDb API
- Created backend with FastAPI and PostgreSQL for user management, password and payment encryption, and plan tracking
- Containerized with Docker, then successfully deployed to the cloud for users

Med-Day: EMT | *Python, PyGame* | *Pitt Challenge Hackathon Supporting Caregivers Track Winner*

Sept. 2023

- EMS/EMT training game designed to help new first responders learn proper site-arrival protocols and procedures
- Responsible for UX/UI of the whole project, along with the dictionary backend to manage player progression based on choices made

## Skills & Interests

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Languages: Python, Java, JavaScript, C, R

Skills: Office 365, Figma, PostgreSQL, Docker, Git

Interests: Computers, Music, Weight Lifting, Space