

TAM LE

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EDUCATION

University of Cincinnati, Cincinnati, Ohio
Bachelor of Science, Computer Science (Honors)
Minor, Information Technology

Exp. Graduation: May 2029
GPA: 3.92

SKILLS

Programming Languages: Python, C/C++, JavaScript/Typescript, SQL, HTML/CSS, MATLAB

Technologies: Git/GitHub, React, Next.js, Node.js, Express.js, MongoDB, REST APIs, Linux, Copilot, PyTorch, TensorFlow, Hugging Face, Numpy, Scikit-learn, Quarto

EXPERIENCE

Timme Lab – University of Cincinnati, College of Medicine
Machine Learning Research Assistant

Dec 2025 – Present
Cincinnati, Ohio

- Designed and developed software systems for data acquisition and analysis using Python and MATLAB, supporting neuroscience research workflows and large experimental datasets
- Implemented machine learning models and data processing pipelines to analyze behavioral and decision-making data, improving system reliability and experimental reproducibility
- Integrated embedded hardware, sensors, and custom-fabricated components with software applications, collaborating in a research environment to deliver end-to-end technical solutions suitable for scientific publication

RevolutionUC Hackathon
Web Developer

Sep 2025 - Present
Cincinnati, Ohio

- Developed and maintained a responsive, production-scale web application using Next.js and TypeScript for one of the largest in-person hackathons in the Midwest
- Implemented high-performance animations and interactive UI components using Three.js and GSAP, enhancing user engagement and visual storytelling
- Collaborated cross-functionally with branding, design, and backend teams to deliver cohesive UX, integrate dynamic data, and ensure scalable front-end architecture

PROJECTS

EcoCart – AI Shopping Extension (Hackathon winner) | *React, Node.js, Gemini API, Hugging Face* | [Demo](#) **Nov 2025**

- Collaborated in a team of four to build a Chrome extension that analyzes products in users' Amazon carts and suggests more affordable, eco-friendly alternatives using AI
- Developed a full-stack system that sends product data to machine learning models to categorize products and generate sustainability scores, with a Zilliz vector database to cache results and enable fast responses
- Integrated and coordinated multiple APIs while maintaining low-latency performance; project won Second Place, Best Green Tech Hack, and MLH Best Use of Gemini API at the MakeUC 2025 Hackathon

Potato Disease AI Classifier | *Python, FastAPI, TensorFlow, Quarto* | [Demo](#)

Jun 2025

- Built a machine-learning application that classifies potato plant diseases from images, taking raw image input and returning predicted disease labels
- Trained and evaluated a convolutional neural network on a labeled image dataset, including data preprocessing and accuracy evaluation
- Deployed the trained model behind an API so images could be sent programmatically and predictions returned in real time

Movie Discovery App | *React.js, Tailwind CSS, TMDB API* | [Demo](#)

July 2025

- Built an application that retrieves large amounts of structured movie data from an external API and organizes it for user queries
- Implemented search, filtering, and pagination logic to handle continuous data loading efficiently
- Designed and deployed the application with attention to performance and reliability

QUALIFICATIONS

Adobe Certified Professional in Visual Design

May 2023

AWARDS & HONORS

Dean's List

Dec 2024 - Present

UC Global Scholarship

Aug 2024

College of Engineering and Applied Science International Outreach Scholarship

Aug 2024