Evan Y. Wang

✉ evywang@umich.edu | 🌐 evanwang.dev | 🔗 @eyw04 | ⌥ @eyw04

EDUCATION

University of Michigan   Ann Arbor, MI
B.S.E. in Computer Science, Minor in Mathematics   *Aug 2022 – May 2026*
- **GPA:** 3.8/4.0 | **Awards:** Engineering Dean's List, University Honors
- **Courses:** Data Structures & Algorithms, Operating Systems, Computer Organization, Algorithms for Machine Learning & Data Science, Foundations of Computer Science, Mathematical Analysis, Discrete Mathematics
- **Activities:** Michigan Hackers, V1 at Michigan

WORK EXPERIENCE

Web Development & IT Intern   June – Aug, 2024
TVG-Medulla   *Chicago, IL*
- Spearheaded Playwright development to automate end-to-end regression testing for internal web tools, reducing over 50 hours of manual testing per month while raising website robustness and testing comprehensiveness.
- Worked with IT help desk to resolve CrowdStrike outage at over 90 clinic locations within 24-hour time frame.

Web Development Intern   May – Aug, 2023
LegalGPS   *Saint Louis, MO*
- Boosted SEO by reorganizing blog content and disavowing harmful backlinks, resulting in a 34% increase in clicks
- Implemented ecommerce and conversion tracking using Google Analytics [GA4] to optimize content strategy
- Built a multi-step form using Typescript to facilitate seamless completion of template contracts for customers

ITS Tech Consultant   Oct 2022 – Apr 2023
University of Michigan Information and Technology Services   *Ann Arbor, MI*
- Resolved a diverse range of technical issues, including battery failures, slow performance, and storage limitations, by leveraging a deep understanding of various products and softwares
- Collaborated with cross-functional teams, sharing insights and technical knowledge to enhance service quality
- Assessed customer needs and recommended appropriate repairs, products, and accessories

PROJECTS

Google Machine Learning Crash Course   Jun – Jul, 2023
- Programmed a cats vs. dog image classifier in TensorFlow with over 90% accuracy, utilizing convolutional neural networks, data augmentation, dropout regularization, and feature extraction from pre-trained models
- Acquired proficiency in a wide range of machine learning concepts, including embeddings, multi-class neural networks, backpropagation, regularization, logistic and linear regression, and feature crosses
- Enhanced analytical and modeling skills through in-depth understanding and practical application

Michigan Hackers | *Web Team*   Jan – Apr, 2023
- Deployed and configured Apache web servers on AWS to attack in order to learn about cybersecurity and DDoSing
- Engaging with other students and learning basics of web systems, cybersecurity, and quantum computers
- Connected with programmers across diverse industries and organizations, fostering valuable networking and mentorship opportunities

Student Research Assistant | *Donald Danforth Plant Science Center*   Apr – May, 2022
- Developed a streamlined image analysis workflow in Jupyter Notebook using Python and open-source libraries, enhancing data collection efficiency and research speed
- Acquired proficiency in Python and utilized open-source library PlantCV

Student Researcher | *Saint Louis University, Computational Spatial Demography Lab*   Jun – Aug, 2021
- Performed economic and census data analysis of immigrant populations across major midwest cities
- Graphed percent change of immigrant demographics within St. Louis from 2010 to 2020
- Contributed to mapping census data to zip codes in St. Louis metropolitan area in ArcGIS maps

SKILLS

Languages: C/C++, Python, HTML/CSS/JavaScript/TypeScript
Technologies: Git, Pandas, NumPy, Tensorflow, AWS, Azure, VS Code, Jupyter Notebook/Google Colab
Interests: Golf, Pickleball, French Horn, Nature & Food Photography, Formula 1