Angie Leong

Ann Arbor, MI | ncleong@umich.edu | linkedin.com/in/angie-leong-nc/

EDUCATION

University of Michigan-Ann Arbor College of Engineering Honors Program   **Expected May 2026**
Bachelor of Science in Engineering: Computer Science
Minor in Electrical Engineering; Minor in Mathematics; Minor in Entrepreneurship
- **GPA**: 3.96/4.00
- **Honors**: World Solar Challenge 4th, Macao Olympiad in Informatics Silver, William J. Branstrom Freshman Prize, Dean's List
- **On-Campus employment:** EECS183 IA (Intro to Programming Ins), Calc I, II, III Tutor (Science Learning Center), Peer Mentor

PROFESSIONAL EXPERIENCE

AKL Intelligence Technology Limited, Macao | Machine Learning Research Intern   Jun 2024 – Aug 2024
- Aggregated libraries like CuPy, Ffmpeg, and Cuda, to render video on NVDIA Jetson and speeds up by ~150%
- Developed facial recognition AI video editing tool to extract 30s from 10m vid and created Minio workflow with gRPC interface

Wang Fung Electrical and Mechanical Engineering, Hong Kong | Lead Website Manager   Nov 2022 – present
- Spearheaded overhaul of website (6+ webpages, Figma UI/UX, code), doubled customer base in 6 mo
- Worked closely with company/clients, proactively enhancing information and UX, decreasing meeting time by ~10%

Add-On Design (E-Commerce Start-Up), Hong Kong | Co-founder   Sep 2021 – present
- Directed company and streamlined products selling and generated daily sales on multiple online platforms
- Designed webpage , packaging, social media content (IG, YT, TikTok, total 500 followers, most viewed 19K)
- Contacted 5+ factories to be suppliers for products and visited regularly to maximize cost-performance ratio

LEADERSHIP EXPERIENCE

Google Developer Student Club, University of Michigan, Ann Arbor | E-board Treasurer   Jan 2023 – Apr 2023
- Organized monthly events to educate members, such as workshops on Kotlin development and pitching competitions
- Sourced projects for 500+ members to get experience, including joining Google Solution Challenge (building apps)
- Managed a ~$2,500 budget while actively sourcing funding and opportunities, ensuring engagement

Effective Altruism Global Conference, University of California, Berkeley | Volunteer   Nov 2022
- Supervised 30+ personnel to various venues and orchestrated different set ups for specific purposes
- Engaged tightly with 500+ attendees, panel speakers, sponsors; including a lot of entrepreneurs and researchers

PROJECTS

Solar Car, University of Michigan
   Australia | Race Crew-Software Engineer   May 2023 - Nov 2023
- Processed GPS device data in the solar car with MQTT and Python to display onto public and private website by designing full-stack API with Google Maps API and JS to establish instant communication with 25 team members
- Embedded Instagram content on API, generating 3K views on website in 1 mo, increasing IG followers by 500+
   Ann Arbor, MI | Strategist   Sep 2022 – May 2023
- Hosted the simulator as online API that simplified and sped up the process of running a simulation, allowing expansion of user base (from ~20 strategists to ~300 members + active alumni) and instant info sharing
- Coded the simulator (C++ and MATLAB), website front end (react), back end (NodeJS, Python, MongoDB, AWS)

MDP Learning CLUES, University of Michigan, Ann Arbor | Active Researcher   Jan 2023 - Apr 2023
- Extracted keywords and keyframes with NLP and image recognition from lecture and slides to create AI flashcards
- Managed the extracted transcript database with AWS and GitHub to maximize the API's effectiveness on accessing

Atlas Digital Tech Consulting Group, University of Michigan, Ann Arbor | Project Analyst   Jan 2024 – Apr 2024
- Built a react-native app with Expo and Solito from ground based off from client's website containing 5+ webpages

SKILLS

- **Technologies:** C++, C, Python, R, HTML, CSS, JS, MATLAB, AWS, Google Cloud Platform, Google Maps API, Unity
- **Languages:** English (fluent), Cantonese (native), Mandarin (fluent), Korean (proficient)
- **Interests:** snowboarding, fencing, public speaking, traveling, K-pop, saxophone, painting, crocheting