

# Ashley Tran

(517) 974-9992 | [iashleytran@gmail.com](mailto:iashleytran@gmail.com) | [linkedin.com/in/ash-tran](https://linkedin.com/in/ash-tran) | [ashtran.dev](http://ashtran.dev)

## EDUCATION

<b>Michigan State University</b> <i>B.S. in Computer Science, Minor in Business</i>	Aug. 2022 – May 2024 East Lansing, MI
<b>Lansing Community College</b> <i>Engineering/Physics – GPA: 3.87</i>	Aug. 2020 – May 2022 Lansing, MI

## EXPERIENCE

<b>Web Content Administrator</b> <i>Michigan State University – College of Engineering</i>	May 2024 – Present East Lansing, MI
<ul style="list-style-type: none"><li>Developed and deployed automation tools (Selenium web scans, Python validation scripts, and a browser extension), streamlining processes and significantly reducing manual workload.</li><li>Directed the migration and ongoing maintenance of the college website and affiliated microsites, ensuring content accuracy, faster publishing turnaround, and consistent branding across platforms.</li><li>Maintained WCAG compliance by remediating issues, ensuring inclusive access for 25k+ monthly users.</li><li>Implemented web features informed by UX/UI, SEO, and analytics, boosting engagement and site performance.</li></ul>	
<b>Undergraduate Learning Assistant</b> <i>Michigan State University – College of Engineering</i>	Jan 2024 – May 2024 East Lansing, MI
<ul style="list-style-type: none"><li>Guided students in frontend development (HTML, CSS, JavaScript), backend programming with Python Flask, and database management using MySQL, reinforcing practical coding skills and project-based learning.</li><li>Provided technical support during office hours and managed GitLab issues for 200+ students, troubleshooting code errors and deployment challenges related to course projects.</li></ul>	
<b>Student Front-End Web Assistant</b> <i>Michigan State University – College of Engineering</i>	May 2023 – May 2024 East Lansing, MI
<b>Information Technology Intern</b> <i>North American Lighting</i>	May 2022 – Aug 2022 Farmington Hills, MI

## PROJECTS

<b>Fondr – Relationship Tracker</b>   <i>TypeScript, React Native, Expo, Supabase</i>	
<ul style="list-style-type: none"><li>Built a collaborative wishlist feature, implementing CRUD functionality, real-time database syncing, secure user-specific item management, and responsive frontend components.</li><li>Implemented geolocation-based experience tracking and AI-driven personalization to map shared memories and provide tailored gift and activity recommendations, enhancing user engagement.</li></ul>	
<b>Auditing Assistant Using Video AI Platforms</b>   <i>JavaScript, React, Flask, Firebase, OpenCV, YOLOv3</i>	
<ul style="list-style-type: none"><li>Developed React frontend, designing UI/UX and building authentication flows and file import features.</li><li>Designed and implemented the database schema to support AI-driven media analysis functionality, ensuring efficient data storage and retrieval, and deployed the website using Docker and Google Cloud Platform (GCP).</li><li>Optimized video analysis performance by implementing Python concurrency, significantly accelerating processing speed, improving overall system efficiency, and enabling the application to handle larger volumes of media data.</li></ul>	

## AWARDS/CERTIFICATIONS

<b>Google UX Design Professional Certificate</b>	TBD
<b>2+2+2 Engineering Scholarship</b>	May 2020
<b>Lansing Promise Scholarship</b>	May 2020

## TECHNICAL SKILLS

<b>Languages:</b> C/C++, Python, JavaScript/TypeScript, SQL, HTML/CSS, PHP, Lua
<b>Databases/Backend Services:</b> Supabase (PostgreSQL-based), Firebase, MySQL, SQLite
<b>Frameworks:</b> Flask, FastAPI, PyQt, Next.js, React Native, Expo, Node.js
<b>Libraries:</b> wxWidgets, OpenCV, JQuery, Vue.js, React.js, Chart.js, Tailwind CSS, Bootstrap
<b>Developer Tools:</b> Git, CMake, Docker, Vercel, Google Cloud Platform, Render, VS Code, Visual Studio, JetBrains
<b>Miscellaneous:</b> Selenium, Sitecore, Drupal, Wix, Microsoft Power Platform, Screaming Frog, Google Analytics 4, Figma