

Yen Lam

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EDUCATION

Grand Valley State University | Allendale, MI

B.S. Computer Science

Expected Graduation Date: **04/2025**

GPA: **3.89**

SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, HTML5, CSS3, SCSS, C, C#, SQL

Technologies/Frameworks: React.js, React Native, Express.js, Node.js, MongoDB, TailwindCSS, Bootstrap, Flask, ASP.Net, Git, Wordpress, Jira, Scrum, Figma

Developer Tools: GitHub, Linux(Ubuntu), Visual Studio Code, Android Studio, IntelliJ, Postman, Netlify

WORK EXPERIENCE

Software Engineer Intern | *PromoterMotor*

Jan - July 2024

- Collaborated with peers utilizing **Google Apps Script** to maintain and debug the company's system-level code, optimizing automation and task management workflows within Google Workspace.
- Researched and assisted in resolving Google Tag Manager and Google Analytics tracking configuration issues on client websites, ensuring precise tracking and proper tag functionality.

3rd Place Winner of Black Wing Hacks 2024 ([link](#)) | *Rewriting The Code*

Feb 2024

- Developed a web app **within 36 hours**, using React.js, RapidAPI, JSON server and Figma.
- Worked closely with teammates to brainstorm, refine, and deliver key features, ensuring a polished, user-focused app within the competition timeframe.
- Created user flow designs, implemented dynamic components, and integrated routing and API calls using React libraries to provide a seamless user experience.

PROJECTS

Full Stack Financial Tracker ([link](#))

React.js, Express.js, MongoDB, Node.js, StyledComponents

- Developed an intuitive financial dashboard employing the **MERN stack** to facilitate efficient expense management.
- Implemented **RESTful APIs** to ensure secure communication between frontend and backend components.
- Integrated **data visualization tools** providing users with clear insights into their spending and saving patterns.

Vinyl Collection Tracker ([link](#))

Flask, Python, OAuth, DiscogsAPI

- Developed a web app to enhance Discogs' user experience by integrating features like random vinyl browsing and intuitive collection management.
- Leveraged the **DiscogsAPI** to access and update user collection data, implementing **OAuth** for secure authentication and safeguarding user privacy.
- Created use cases, a traceability matrix and applied **Agile methodology** to accommodate ongoing changes, ensuring the app's adaptability and smooth integration of new features throughout development.

Full Stack Intelligent Athlete Tracker (in progress)

React Native, Expo, Auth0, MongoDB, ROC.ai, TailwindCSS

- Developed a mobile app leveraging the built-in camera and ROC.ai technology to help coaches and parents monitor athlete performance and manage profiles efficiently, aiming for a **low-cost** alternative to existing products.
- Integrated **Auth0** for secure authentication, used **MongoDB** for data storage, and implemented various React Native libraries to support core app functionalities.
- Employed **Scrum methodology** to manage development, ensuring timely delivery and adaptability to project needs.