

Ley Kwan Choo

698-960-0349 | lchoo2@wisc.edu | [linkedin.com/in/ley-kwan-choo-129678228/](https://www.linkedin.com/in/ley-kwan-choo-129678228/) | github.com/Leykwan132

EDUCATION

University of Wisconsin, Madison

Bachelor of Science in Data Science (CGPA 3.83/4.0)

Madison, WI

Aug. 2020 – Dec 2023

EXPERIENCE

Software Engineer Intern

FootfallCam

May. 2023 – Sept 2023

Selangor, Malaysia

- Researched and Deployed a segmentation API with FASTAPI, achieving 37% accuracy in model integration.
- Deployed API detecting depth map anomalies using CREStereo-generated ground truth and OpenCV.
- Contributed to data labeling, and designing essential templates in Label Studio using Javascript & HTML.
- Contributed to Business Proposal plan by providing web design with Figma.

Software Engineer Intern

Fusionex

May. 2022 – Sept 2022

Selangor, Malaysia

- Involved in design, coding, testing, and deployment of inhouse software with Vue JS.
- Implemented reusable and scalable code and components.
- Practised Agile Project Management and Biweekly Sprint Management.

PROJECTS

Malaysian Sport Fest 2023 | *NextJS/TailwindCSS/Recoil/ShadcnUI*

Nov 2023

- Directed the end-to-end design and deployment of a web application.
- Engineered a dynamic, responsive web application utilizing React for the frontend architecture.
- Executed the integration of a tournament countdown feature using a React component.
- Live website: <https://msf-kappa.vercel.app/>

StalkYourLinkedin | *NextJS/TailwindCSS/Supabase/MaterialUI/Recoil/Axios/RapidAPI/Javascript*

Sept 2022

- Built a responsive UI using TailwindCSS and MaterialUI to ensure seamless user experience across devices.
- Employed CSS Grid and Flexbox to optimize layout and maintain design consistency.
- Enabled precise front-end to database integration via Supabase, optimizing data access and functionality.
- Live website: <https://www.stalkyourlinkedin.fun/>

Spotify Clone | *NextJS/TailwindCSS/Atomic/SpotifyAPI/Javascript*

May 2018 – May 2020

- Designed and developed a responsive Spotify user interface, ensuring seamless functionality on both mobile and desktop platforms.
- Integrated SpotifyAPI to enable seamless song playback for enhanced user experience.
- Link to github: <https://github.com/Leykwan132/spotify-clone>

LEADERSHIP EXPERIENCE

Malaysian Student Association (MySA)

Multimedia Director

May. 2022 – May 2023

Madison, Wisconsin

- Orchestrated impactful promotional materials and social media content to boost online presence.
- Edited with Adobe Premiere Pro, accumulating 10k+ views with shorts and long format videos.
- Created dynamic tournament site with scoreboards for Malaysian Sport Festival 2023.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Nextjs, Node.js, Flask, JUnit, Material-UI, FastAPI, TailwindCSS, Recoil, Axios, Supabase

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Figma

Libraries: pandas, NumPy, Matplotlib