

Ley Kwan Choo

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Education

University of Wisconsin, Madison Aug 2020 - Present

Bachelor of Science in Data Science, CGPA: 3.83

Experience

Software Engineering Intern, [FootfallCam](#), Sungai Long, Malaysia May 2023 - Sept 2023

Python/HTML/Git/Linux/MySQL/FastAPI/OpenCV/LabelStudio

- Managed daily tasks and weekly sprints in an Agile environment using Odoo.
- 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.

Software Engineering Intern, [Fusionex](#), Petaling Jaya, Malaysia May 2022 - Sept 2022

HTML/CSS/JavaScript (VueJS)/NodeJS/Git

- 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.
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Side Projects & Hobbies

Built a Name Generator Language Model March 2023

Python/Pytorch/Jupyter/Matplotlib

- Implemented a multilayer perceptron (MLP) character-level language model off [Research Paper](#)
- Utilized PyTorch's tensor operations to build complex neural networks
- Link: https://github.com/Leykwan132/name_model

StalkYourLinkedIn Sept 2022

NextJS/TailwindCSS/Supabase/MaterialUI/Recoil/Axios/RapidAPI

- Built a responsive and modern UI design for both mobile and desktop with TailwindCSS & MaterialUI.
 - Utilized and strengthened CSS Grid & Flexbox concept across the application.
 - Integrated the frontend component with the database with the Supabase Client.
 - Link: <https://www.stalkyourlinkedin.fun/>
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Skills

Languages

- TypeScript/JavaScript, Python, Java, HTML, CSS

Technologies

- React, Next.js, Vue.js, TailwindCSS, Node.js, Express.js, NestJS, GraphQL, REST, PostgreSQL, Supabase, Git/GitHub, Vercel, Pytorch