

William Liu

647-513-8803 | liu.wllm@gmail.com | [linkedin.com/in/liuwllm](https://www.linkedin.com/in/liuwllm) | github.com/liuwllm | liuwllm.github.io

EDUCATION

BSc., Computer Science

Western University

London, ON

Sep 2022 – Present

- Cumulative GPA: 3.97/4.00 (94.6%), Dean's Honour List
- Advanced Entry Opportunity to Ivey Business School

PROFESSIONAL EXPERIENCE

Campaign Developer Intern

May 2023 – August 2023

Streamforge

Remote

- Generated over 800 potential sales leads for a cross-functional team by developing a NodeJS application to fetch upcoming game release data using the IGDB and Steam Web API
- Produced thousands of click-throughs for the marketing of major indie and triple-A video game titles through the creation of targeted creator rosters by analyzing creator metrics and data
- Secured over 270 influencers for eleven campaigns by corresponding with numerous major creator talent agencies
- Streamlined the company's internal outreach system by proposing and advocating for the implementation of new product features

UX Intern

Nov 2022 – Apr 2023

Cafezia Coffee

London, ON

- Decreased user bounce rate for company's online store by communicating key UI and UX research findings to the development team and leadership
- Identified multiple new strategies for customer acquisition including geographical targeting and search engine optimization based on analysis of company sales metrics

PROJECTS

Sunshelf | *Next.js, Flask, MongoDB*

- Built a full-stack web application using JavaScript and Python to create exportable vocabulary flashcards through the upload and analysis of Japanese text documents
- Reduced processing time by 300% over requesting dictionary information through dictionary API calls by creating a Python script to parse Japanese dictionary XML file
- Implemented a robust RESTful API using Flask to handle CRUD requests on the backend

Let Them Cook | *Next.js, React, Chakra UI, Tailwind CSS*

- Won Best Beginner Hack for PrideHacks 2023 by developing a React frontend for a recipe recommendation app based on the available ingredients of the user
- Built a user interface for users to search for ingredients using React hooks and components built with Chakra UI

EXTRACURRICULARS

VP Design

Oct 2022 – Present

Western Founders Network

London, ON

- Oversaw logistics and event planning for the Product Design Sprint competition, attracting over 100+ participants
- Developed design system and branding assets for major case competitions and hackathons hosted by the club

Design Organizer

May 2023 – Present

Hack Western

London, ON

- Designed the UI and user flow for the promotional website, application portal, and live site of Western University's largest hackathon using Figma

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, HTML, CSS, SQL, XML, C, Bash

Frameworks: React, Next.js, NodeJS, Express, Flask, Chakra UI

Tools: Firebase, Git, Github, MongoDB, Linux, Unix, Android Studio, Jira, Miro, Figma, Notion, Agile