William Liu

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EDUCATION

BSc., Computer Science London, ON

Western University *Sep 2022 – Present*
- Cumulative GPA: 3.97/4.00 (94.6%), Dean's Honour List
- Advanced Entry Opportunity to Ivey Business School

PROFESSIONAL EXPERIENCE

Developer Intern May 2023 – Aug 2023

Streamforge *Remote*
- Generated hundreds of 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 clickthroughs to increase sales for the marketing of major video game titles such as Remnant II by reaching targeted audiences through the sponsorship of live streaming creators
- Conducted quality assurance tests to facilitate the continuous improvement of the company's creator targeting and outreach system

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
- 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, TypeScript, Java, Python, HTML, CSS, SQL, XML, C, Bash
Frameworks: React, Next.js, NodeJS, Express, Flask, Chakra UI
Tools: Firebase, Git, Github, MongoDB, Linux, Android Studio, Jira, Miro, Figma, Notion, Agile