Leslie Xin

Systems Design Engineering, University of Waterloo 2022

leslie.xin@hotmail.com
github.com/lesliexin
lesliexin.ca

skills

Languages   JavaScript · TypeScript · HTML · CSS · Python · Java · C++

Frameworks & Tools   Git · React · Flask · Django · Spring Boot · GraphQL · PostgreSQL · MongoDB · OpenGL

Product & Design   Figma · Sketch · InVision · Information Architecture · User Research & Testing · Accessibility

experience

Twitter — Design Engineering Intern
2021 / Remote

Built a **Figma Plugin** with **React** and **TypeScript** to enable designers to use and maintain the Twitter emoji library.

Designed, developed, and shipped a new **design system** library documentation experience.

Shopify — Frontend Engineering Intern
2020 / Remote

Led front-end development of organization ownership transfer feature using **React** Hooks, **TypeScript, and GraphQL.**

Built and delivered global two-factor authentication feature to 1000+ of Shopify's largest merchants.

Cognite — Software Engineering & Product Design Intern
2020 / Oslo

Architected and developed new data-centric business application from design to release using **TypeScript**, **React Hooks**, **Styled Components**, **Redux**, and **Firebase**.

Led the development of 15+ foundational, reusable, and themed components—informed by 6+ user interviews, interactive workshops, and design system guidelines.

Microsoft — Software Engineering & Product Intern
2019 / Seattle

Led design and development of Microsoft's Power Platform diagnostics tool built using **React, TypeScript** and **Kusto.**

Decreased support ticket volume by 20% and increased NPS by 7pts by building end-to-end solution for 40,000+ companies.

Bungalow — Software Engineering & Product Design Intern
2018 / Kitchener

Designed and developed 2 highly requested customer features using **Python Django** and **Vue.js**.

Led redesign of the initial user application, increasing sign-up conversion rate by 15%, improving data visibility in the conversion pipeline, and enabling A/B testing.

Live Labs (CIBC) — Full-stack Developer Intern
2018 / Toronto

Defined, architected, and developed 3 standalone projects with **Java Spring**, **Swift iOS**, **Android**, **Docker**, and **AWS**.

research & projects

Quantum Storytelling — Undergraduate Research Assistant
2021

Using interactive digital storytelling to represent transformative **quantum** technologies in **augmented/extended reality**.

Waterworks
2021

Created an interactive heatmap of where people have cried on UWaterloo campus using **React**, **Typescript**, and **Python**.

Sounds of Home
2021

Designed and developed an interactive audio visual experience using **React**, **TypeScript**, and **Procreate.**

Stillae
2019

1st place winner in Biomimicry Institute's Global Design Competition. Featured in the "Inventors" episode of **CBC's The Nature of Things** and in a 2023 exhibit at the **Oregon Museum of Science and Industry**.

teaching

Introduction to React + Hooks Workshop
2021

Created and presented interactive workshop to 500+ students at Hack the North 2020++ and Bolt Conference 2021.

community

16 Weeks of Internships   Creating an online community to humanize the tech industry

UW Blueprint   Building technology for social good