




 /lesliexin

 lesliexin.me

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skills

Languages

Python (Flask, Django)

JavaScript (React.js, Vue.js)

TypeScript

HTML / CSS

Java (Spring)

C++

Tools

Git, Docker, Jira

PostgreSQL, SQLAlchemy

MongoDB, Heroku

Product / Design

Figma, Sketch, InVision, Zeplin

Product Design

Information Architecture

User Research & Testing

education

Systems Design Engineering

University of Waterloo, 2017 - 2022

Data Structures and Algorithms

Digital Computation (C++)


Human Factors in Design

community

16 Weeks of Internships

Inspiring students in STEM 

Tech+ Mentorship

Helping students in tech 

CBC's The Nature of Things

1st Place - Int'l design competition 

experience

Cognite

Software Engineering and Product 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+** reusable and themed components—informed by **6+ user interviews**, interactive workshops, and design system guidelines.

Guided **product vision** through creating phased roadmap, competitive analysis, user stories, and functional deliverable specifications while applying design-driven and agile principles.

Microsoft

Software Engineering (Explore) Intern

2019 / Seattle

Built end-to-end diagnostics tool for 40,000+ companies projected to **decrease support ticket volume by 20%** and **increase NPS by 7 pts**.

Owned development of complex data-visualization application using **React** and **TypeScript**, enabling users to explore diagnostics using an interactive interface.

Bungalow

Full-Stack Developer Intern

2018 / Kitchener

Implemented a SlackBot engine to automate feedback for **600+** monthly showings, **increasing efficiency by 16%** in the lead funnel.

Designed and developed 2 highly requested customer features using **Python Django** and **Vue.js**: an in-house new user form and the ability to edit showings in profile.

Led redesign of the initial resident 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 to increase corporate productivity with **Java Spring**, **Swift iOS**, **Android**, **Docker**, and **AWS**.

projects

UW Blueprint

Backend Developer

2018-19

Architected back-end APIs to support a 2D Unity game and dashboard for children with cognitive disabilities using **Python Flask**, **PostgreSQL** and **SQLAlchemy**.