

# Jimmy Lam

Front-end developer

JimmyLam045@gmail.com | <https://github.com/JL978> | <https://jimmylam.tech> | 1 (647) 570-2405

## EDUCATION

### University of Toronto

BASc Applied Science and Engineering | Sept 2016 - June 2021

- GPA: 3.75/4.0

## WORK EXPERIENCE

### TXIO Corp

Frontend/Mobile Developer | June 2021 - current

- Designed and implemented complex consumer-facing UI features in React and React Native for [neontra.ca](https://neontra.ca)
- Collaborated with designers and PMs and participate in architecture design discussions to translate designs into pixel-perfect and responsive applications
- Develop several key UI components such as a personal financial calendar view, a complex budget interface and a custom interactive D3.js charting library that leads to an overall increase in customer engagement
- Advocated for code performance, maintainability, and quality through testing, code review, and mentorship
- Owned and maintained multiple new and legacy financial mobile (cross-platform) and web applications

### CERT Systems Inc

Systems Engineer Intern | May 2019 - May 2020

- Built a PyQt5 desktop GUI application to automate the data collection workflow in an industrial pilot plant that reduces hundreds of hours of manual data entry and analysis.
- Integrated multiple proprietary software along with common Python packages such as PyAutoGUI and matplotlib to better aid in quality control while reducing human error

## PROJECTS

### DeFi crypto transaction fees tracker

Personal project - <https://gastears.com>

- Developed a Next.js web application that helps users visualize their crypto transaction costs across multiple blockchains
- Developed and integrated a smart contract service for a third-party platform that leads to an increase in customer engagement
- Analyzed data from multiple chain-explorer APIs to create an aggregate view of one or more crypto wallets and presented the data in a user-friendly dashboard to help users better understand their on-chain activities
- Designed and implemented all UI components and an Express server API

### UTHT Hyperloop Control Dashboard

Full-stack developer

- Designed and implemented a remote control dashboard for a competition Hyperloop pod using an Angular front-end and a WebSocket Node.js server to provide real-time control of the vehicle
- Designed and architected the system for low latency communication

## ADDITIONAL

- **Languages:** Javascript, Typescript, HTML, (S)CSS, Python, Solidity, Java, SQL
- **Frameworks:** React, React Native, Angular, Express, Next.js, Playwright, Jest
- **Tools:** MongoDB, PostgreSQL, Docker, AWS, GCP, postman, git, svn
- **Interests:** Cryptocurrency, NFTs, DeFi, smart contracts