

Thomas Lui

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[GitHub](#) | [LinkedIn](#) | [Twitter](#) | [thomaslui.me](#) | [Google Play Store](#) | [Apple App Store](#)


SKILLS

Programming language: JavaScript, Ruby, Java, Solidity

Proficient: React, NodeJS, React Native, Redux, GraphQL, MongoDB, Git

Other: Next.js, Firebase, SQL, Google Assistant, Alexa, Docker, webpack, Jira, Pivotal Tracker

WORK EXPERIENCE

Wealthsimple , Toronto, ON,
Software Engineer


Jun 2019 - present

- Built and maintained the mobile/desktop application and backend services for Canada's top retail trading platform

George Brown College , Toronto, ON,
Adjunct Professor


Feb 2019 - Aug 2019

- Taught full stack/decentralized applications development using React/Redux and web3.js
- Designed course curriculum and implemented lesson plans for a 36-hour face-to-face course

STACK , Toronto, ON,
Lead Software Engineer - full stack


Feb 2018 - Present

- Led a team of three engineers to design, implement and launch an instant tap-to-pay solution for spending cryptocurrency at POS terminals
- Improved the transaction settlement time from 30+ seconds to real time and reduce the transaction fee by 90% through redesigning the infrastructure
- Mentor and grow engineers by working closely with them to develop the best technical design
- Worked with Product team and other stakeholders to define long-term roadmaps to help drive decisions
- Leveraged technologies such as NodeJS, React, MongoDB, AWS

TribalScale , Toronto, ON,
Software Engineer

May 2016 - Feb 2018

- Worked with companies like Athos, Bloomberg, NBA, CIBC, American Auto Association, LoyaltyOne; leveraged new technologies such as React, React Native, NodeJS, Redux, Alexa, GraphQL, AWS
- Delivered a production athlete management web app for Athos using React and Redux
- Led a team of two engineers to create a React Native & Redux application from scratch for an insurance company; shipped production app to Apple App Store and Play Store within 2 months of development
- Led a team of three engineers to develop an Alexa application from scratch using NodeJS, AWS Lambda and DynamoDB for a Fortune 500 e-commerce company
- Mentored junior engineers on best practices for React/React Native/Redux
- Worked in an agile team and communicated with clients to better understand project requirements

GreaterShape , Vancouver, BC/Toronto,
Founder and President

2010 – April 2016

- Created an e-commerce website in order to fulfill the increasing demand in my fitness products; generated over \$30,000 USD in sales with 100% positive feedback
- Communicated with customers and analyzed feedback in order to identify areas of betterment, resulting in satisfied customers and achieving “Top-rated seller and PowerSeller” status on eBay

PROJECTS & AWARDS

Cop or Drop, Google Play Store [🔗](#), Apple App Store [🔗](#) Jan 2017 - Jan 2020

- An Android/iOS app that show upcoming hottest sneakers and allow users swipe through Tinder style card to save each shoes into collection
- 10,000+ users signed up since launch
- Built with React Native, Redux, Firebase

Crypto Portfolio, Google Assistant Store [🔗](#) Nov 2017

- A Google Assistant app that provides the latest price, market cap, percentage changes for all cryptocurrency, including Bitcoin, Ethereum, Litecoin and over 1200 alt coins.
- Made it to the front page of r/CryptoCurrency and received 2.3 views and 88 upvotes on Reddit
- Built with AWS Lambda, Dynamodb, Dialogflow, Actions On Google SDK

FaceTag [🔗](#), UofTHacks2016 @ University of Toronto January 2016

- An Android app that detects faces using phone's camera and dynamically displays information about the person
- Won Best Use of Twitter API from Twitter
- Built with Android Studio, OpenCV, and Twitter REST APIs

Kiddify [🔗](#), DeltaHacks II @McMaster University January 2016

- A Chrome extension that prevents children from viewing explicit images
- Won top 6 finalist
- Built with JavaScript, Microsoft Azure, and Clarifai API

DynamoUI [🔗](#), Hack Western @Western University November 2015

- An open-source Android developer library for changing a published app in real-time
- Won Best Use of Open Source Technology and featured in Devpost's staff picks and newsletter
- Built with Android Studio, AngularJS, and Firebase

EDUCATION

University of Western Ontario, London, ON
Bachelor's degree in Computer Science

2011 – 2016