

Leon Dong

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EDUCATION

University of Waterloo, Cumulative GPA: 3.9/4.0

Sept. 2020 – Jun. 2025

Bachelor of Computer Science, Combinatorics and Optimization Minor

Waterloo, ON

Relevant Coursework: Algorithms and Data Structures, Operating Systems, Databases, Object Oriented Programming, Applied Cryptography, Software and Systems Security, Modern Cryptography, Game Theory

SKILLS

Languages: Python, Swift, Obj-C, Java, C++, Golang, Rust, JavaScript, TypeScript, HTML, CSS, SQL, R

Tools and Frameworks: NumPy, Scikit, TensorFlow, Keras, Flask, SwiftUI, React, Nextjs, Nodejs, AWS

EXPERIENCE

Software Engineer Intern

May 2023 – Sept. 2023

LinkedIn

Sunnyvale, CA

- Worked fullstack on the LinkedIn flagship iOS app and API using **Objective-C**, **Swift**, and **Java**
- Redesigned the redeem page visited by **tens of millions** of users many weeks ahead of schedule
- Designed and drafted a promotional project that generated **tens of millions** in annual revenue
- Conducted **A/B testing** on new features and monitored effects in order to decide the best course of action
- Ensured excellent code quality and performance through **bug bashes**, **screenshot testing**, and **unit testing**

Software Engineer Intern

Jan. 2022 – Apr. 2022

ecobee

Toronto, ON

- Directly contributed to the peripheral ecobee app's codebase to support their **millions** of smart thermostat users
- Refactored various screens from outdated **UIKit** code to instead use modern **SwiftUI** code instead
- Revamped the dynamic in app installation guide by building new screens with the **MVVM** architectural pattern
- Queried user data using **GraphQL** in order to give users personalized recommendations and notifications
- Ensured code quality by writing **unit tests** and worked with devtools such as **CircleCI** and **Fastlane**

Software Engineer Intern

May 2021 – Aug. 2021

Facedrive Health

Toronto, ON

- Created an app using both **SwiftUI** and **Swift Storyboard** for **thousands** of wristband devices
- Built a fully fledged login page which received user login information and handled authentication
- Implemented weather functionalities by processing and delivering information from an API through Bluetooth
- Developed dashboards which displayed the data received from the wristbands on various graphs
- Planned and worked alongside other interns to implement new features and functionalities of the app

PROJECTS AND AWARDS

Co:herent | *JavaScript, Next.js*

2022

- HackWestern 9 first place overall finisher
- Designed and created mock ups for the webapp, and was in charge of delegating tasks to team members
- Architected and implemented the front end logic including the Co:here, speech-to-text, and text-to-speech calls

HabiPets | *HTML/CSS, JavaScript, React, Solidity*

2022

- ETHToronto Top 10 Finalists and AlturaNFT bounty winner
- Used Figma to design the UI and then coded it with React to create a multipage webapp with states and context
- Stored gamestate and user information on chain using smart contracts written in Solidity

PERSONAL INTERESTS

- Video editing and other forms of content creation. Self-expression through various forms of media, currently experimenting with creating video game highlight reels/edits.
- Snowboarder since the fifth grade; learning the terrain park and aspiring to ride down double-black at Whistler.
- Playing music as a hobby; graduated RCM level 10 piano honors with distinction, and played the clarinet in the school band. Currently self-learning the guitar.