Leon Dong

leondong.com | github.com/LeonDong02 | yiming.dong@uwaterloo.ca

EDUCATION

University of Waterloo, Cumulative GPA: 3.9/4.0   Sept. 2020 – Aug. 2024
Bachelor of Computer Science, Combinatorics and Optimization Minor   *Waterloo, ON*

SKILLS

Languages: Python, Swift, Java, C++, Golang, Rust, JavaScript, TypeScript, HTML, CSS, SQL, R
Frameworks: NumPy, Scikit, TensorFlow, Keras, Flask, SwiftUI/Storyboard, React, Nextjs, Nodejs

EXPERIENCE

Mobile Engineer Intern   May 2023 – Sept. 2023
LinkedIn   *Sunnyvale, CA*
iOS 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- Refactored various screens from outdated UIKit code to instead use modern SwiftUI code instead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 screenshot/iOS tests and worked with devtools such as CircleCI and Fastlane
- Worked in a fast paced Agile environment in order to develop for quick iterations and frequent shipping

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

DeliverMe | *Python, Flask, JavaScript, React, TypeScript*   2022
- Wrote a webapp that takes user inputs and produces a solution to the multi-vehicle routing problem
- Studied and implemented the genetic algorithm to give a good enough estimate to any given scenario
- Built the frontend of the webapp with TypeScript and wrote the backend using Flask

Awards | *Competitive Programming, Math*   2016-2020
- Multiple CCC honor roll awards for outstanding performance, 97th percentile
- At least a certificate of distinction (75th percentile) on all Waterloo math competitions, honor roll (90th percentile) on almost all contests

PERSONAL INTERESTS

- Video editing and other forms of content creation. Self-expression through various forms of media, currently experimenting with creating 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.