Leon Dai

2B Computer Engineering
lldai@edu.uwaterloo.ca | (647) 298-0280

SKILLS

LANGUAGES
Swift
Python
C/C++
TypeScript/Javascript
HTML5/CSS3
Java

FRAMEWORK/TOOLS
CocoaPods/Carthage
Git
Bootstrap 4
Node
XCode
Android Studio
Linux Command Line

LINKS

Github://linchuandai
LinkedIn://leon-dai
leondai.dev

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for B.ASc in Computer Engineering, Honours, Co-op
Expected May 2022 | Waterloo, ON

INTERESTS

A CAPELLA
Attended rehearsals and performed with UW ACE at their End of Term Concert
Became Co-President of UW ACE for the Winter 2018 Term

ORIENTATION LEADER
Was a Big for Waterloo Engineering Orientation 2018

EXPERIENCE

INTERSECT   Mobile Engineer Co-op (iOS)
January – May 2019 | Toronto, ON
- Developed a high quality mobile application as part of team for the iOS platform to specifications provided by the client
- Performed integration with production servers, including troubleshooting network calls and implementing token security, to prepare for release of app
- Designed scalable system to implement entitlements within app

HEALTHIM   Software Developer
May – August 2018 | Kitchener, ON
- Developed iOS application in Swift used by police officers during mental health crisis calls
- Built, tested, and shipped production grade software
- Integrated design and feature feed back to build new functionality for software
- Implemented system that allowed for device to device secure key exchange that adhered to government security standards

PROJECTS

SMART ALARM CLOCK   C/C++ · Onion Omega 2
October - December 2017
- Created a smart alarm clock in a team of 3 with an Onion Omega 2 that displayed time, date, and weather on an LCD
- Developed a logging system to troubleshoot the system without the use of a terminal access point

STOCKS APP   Java · DynamoDB
June - August 2017
- Developed an android application that retrieved and displayed stock information for over 3000 companies
- Created Profile Class to allow for custom accounts where stock preferences were stored
- Designed a stock search screen where users could search for stocks by their ticker symbol

FOOD TRACKER APP   Swift
June – July 2017
- Developed an iOS application that allowed the user to store their meals with a rating
- Created a Meal Object to store the properties of a much such as name, picture and rating
- Utilized NSCoding to store Meal Objects that persisted on the device