

# Leon Dai

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

## SKILLS

### LANGUAGES

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

### FRAMEWORK/TOOLS

Git  
CocoaPods/Carthage  
Flask  
Bootstrap 4  
React Native  
XCode  
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

### SPORTS

Basketball  
Squash  
Tennis

### ORIENTATION LEADER

Was a Big for Waterloo Engineering Orientation 2018

## EXPERIENCE

### INTERSECT MOBILE ENGINEER CO-OP (iOS)

January – May 2019 | Toronto, ON

- Worked on a soon to be released banking application as part of the iOS team
- Performed integration with production servers, including troubleshooting network calls and implementing token security for over 70 endpoints
- Designed a scalable system to implement entitlements within the app which provided and restricted access to over 90% of the flows

### HEALTHIM SOFTWARE DEVELOPER

May – August 2018 | Kitchener, ON

- Brought an iOS application used by police officers during mental health crisis calls up to speed with other platforms, getting it ready for initial release
- Integrated design and feature feedback to build new functionality for the software, including PDF generation for reports on device
- Implemented a system that allowed for device to device secure key exchange which adhered to government security standards

## PROJECTS

### SPOTIFY LYRICS PYTHON • FLASK

March 2019 - Present

- Implemented a web app with flask that displays the lyrics to the song that is playing on Spotify
- Integrated Spotify API with session token storage to pull current song and artist information off Spotify
- Utilized Genius Music API and BeautifulSoup4 to scrape lyrics for the song

### SMART ALARM CLOCK C/C++ • ONION OMEGA 2

October - December 2017

- Designed and developed a smart alarm clock in a team of 3 with an Onion Omega 2 that displayed time, date, and weather on an LCD
- Designed and implemented a logging system that allowed users 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 a Profile class to allow for custom accounts where stock preferences and personal information were stored
- Designed and implemented a stock search screen where users could search for stocks by their ticker symbol