Leon Dai

2B Computer Engineering
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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