Leon Dai

2A Computer Engineering

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SUMMARY

- Strong knowledge of Object Orientation Programming and Languages such as Swift, Java, and C++
- Adaptability and strong problem solving skills developed at HealthIM
- Developed excellent teamwork and leadership skills through Co-President position for UW A Capella Club

EXPERIENCE

HEALTHIM Software Developer
May – August 2018 | Kitchener, ON

- Developed iOS application in Swift with CocoaPods used police officers during mental health crisis calls
- Build, tested, and shipped production grade software
- Integrated design and feature feed back to build new functionality for software

KUMON Teaching Assistant
Sept 2013 – August 2017 | Markham, ON

- Tutored children from ages of 5 to 18 in Math and English
- Evaluated students' understanding of subject and adjusted their learning plan
- Facilitated students' growth by providing guidance with learning material

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

PROJECTS

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 · Cocoa Touch
Mar 2012 – May 2013 | Ithaca, NY

- 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

SKILLS

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

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

LINKS

Github://linchuandai
LinkedIn://leon-dai
Personal Website

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

ATHELETICS
Basketball
Volleyball
Skateboarding

ORIENTATION LEADER
Was a Big for Waterloo Engineering Orientation 2018