WILLIAM J. LEE

Mobile: (949)-350-4549 LinkedIn: willjlee GitHub: @willyjlee
Email: williamjlee1@gmail.com Web: about-willyjlee.github.io

EDUCATION

University of California, Los Angeles (UCLA) *(Expected Jun 2020)*
Bachelor of Science, Computer Science - Overall GPA: 3.986

SKILLS

- Languages: Java, C++, C, Python
- Development: Android SDK, MySQL, PHP, JavaScript, HTML/CSS, XML, Apache, Shell, Git
- OS/Platforms: UNIX/Linux, Mac OS, Windows, Raspberry Pi, Arduino

EXPERIENCE

CCLE – *Student Software Developer* *(Jun 2017 – Present)*
- Develop back-end PHP and JavaScript to add & upgrade features and resolve issues for the online learning environment application built on Moodle open source platform

Google CodeU Program *(May 2017 – Present)*
- Invitation-only program, working on back-end and UI development in a team of three alongside Google engineers to build Java Chat application

UCLA Rocket Project (URP) – *Software Engineer Lead* *(Oct 2016 – Present)*
- Design and develop launch controller for wireless rocket ignition on Raspberry Pi Apache server

UCLA RoMeLa Robotics Lab – *Undergraduate Research Assistant* *(Dec 2016 – Present)*
- Developing Hexapod robot using LabVIEW library and Python

Nimrod's Wares – *Summer Intern* *(Summer 2016)*
- Assisted in development of software for online ordering and shipment processing using Python and Jet API (Jet.com) on Ubuntu Linux platform

UCI Donald Bren School of ICS – *Summer Intern* *(Summer 2015)*
- Developed scripts in Java for parsing and formatting large BibTeX data sets to produce master file for research papers at the Secure Systems & Software Lab

PROJECTS

Locare: Location Sharing Application (*MySQL, PHP, JSON, Android SDK*)
- Android app to share user's locations by posting to Google Cloud Platform MySQL database through PHP web service and displaying geo-positions using Google Maps API

DatabaseMessaging *(PHP, JSON, MySQL, Android SDK)*
- Android messaging app using Apache server to store messaging history in a MySQL database

SnapMe: Selfie Reminder Application *(Android SDK, Java)*
- Designed and developed camera and notification features to alert users to take selfies

Java Graphing Calculator Applet *(Java)*
- Applet for graphing 2D equations, moving graphs, and created bisection root-finding algorithm

AWARDS

- CodeSprint LA Contest - Top Freshman Team; Individual Award; 3rd Place overall *(Jan 2017)*
- Quartz & HackerRank The Next Billion Coders Challenge – Winner *(Oct 2016)*
- SpaceX – FIRST Robotics SpaceX 2018 Internship Award *(Jul 2016)*
- CSULA ProgFest Programming Contest – 1st Place *(Feb 2016)*
- USA Computing Olympiad (USACO) – Gold *(2014 to 2016)*

VOLUNTEERING

UCLA ACM – Hackathon Mentor *(Oct 2016)*
- Helped 3 teams new to Android development and Git, complete their app