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: 3.98

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

UCLA Rocket Project (URP) – *Programming/Electronics Lead*   *(Nov 2016 – Present)*
- Developing micro-controller and launch controller code for wireless rocket ignition
- Manage project timelines, documentation, and spending budget
- Presented technical designs to engineers for design reviews

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 developing 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

FIRST Robotics Team 3952 – *Programming Lead*   *(Aug 2013 – May 2016)*
- Programmed robot controllers and drive trains using WPILib API, Arduino & Raspberry Pi
- Developed team website using HTML/CSS

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

Project Video Link: https://youtu.be/YO9tmAHgskE

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