William J. Lee

williamjlee1@gmail.com | 949-350-4549 | https://about-willyjlee.github.io/ | GitHub: @willyjlee

EDUCATION

University of California, Los Angeles – BSc. Computer Science	2016 – 2020 (Expected)
Troy High School, Fullerton, CA – Troy Tech, GPA 4.67	May 2016

Online College Courses: Algorithms: Design and Analysis Part I
Programming Mobile Apps for Android Handheld Systems Part I & II
Cryptography I

SKILLS

JAVA, C/C++, Android SDK, PHP, MySQL, Python, HTML/CSS, XML, WPILib, UNIX, Apache

EXPERIENCE

Nimrod's Wares – Summer Intern   Summer 2016
- Worked on software for processing and updating shipment orders through Jet API (jet.com).
- Developed and maintained Python code using Jet API on UNIX/Linux
  Ubuntu server.

UCI Donald Bren School of ICS - Research Intern   Summer 2015
- Developed JAVA programs to produce master BibTeX file for computer science
  research papers.
- Worked in Dr. Michael Franz's Secure Systems & Software Lab.

Troy HS Robotics Club - Lead Programmer   Aug 2013 – May 2016
- Programmed and built robot to compete in annual FIRST Robotics Competitions.
- Utilized WPILib API to program robot mechanisms.
- Developed Arduino and Raspberry Pi software for T-Shirt shooting robot.
- Developed Troy Robotics' webpage using HTML/CSS.

Troy Central Tutoring - CS and Math Tutor   Aug 2014 – May 2016
- Provided academic support and tutoring to students for Math and CS.

PROJECTS

- Project Video Link – https://youtu.be/YO9tmAHgskE
- DatabaseMessaging Android app – App allows mobile devices to message each other by posting to
  online Apache server and MySQL database using PHP, JSON, SQL, and Android SDK.
- SnapMe Android app – Provides user interface to display pictures and notifies user to take selfies.
- MoneyTrack Android app – Keeps track of household cash & credit card spending.
- Graphing calculator – Java computer graphing calculator program. Created bisection root-finding
  algorithm to find graph roots.

AWARDS

- SpaceX – Selected for preliminary acceptance to SpaceX internship program   Jul 2016
- Lockheed Martin Code Quest – Recognized as only contestant to solve   Apr 2016
  final problem in the algorithmic programming contest (Sunnyvale, CA)
- Dave Wittry Programming Contest – 1st Place   Mar 2016
- CSULA ProgFest Programming Contest – 1st Place   Feb 2016
- USA Computing Olympiad (USACO) algorithmic programming contests – Gold level   2014 - 2016

ACTIVITIES/CLUBS

- ACM (Association of Computing Machinery) ICPC & AI, American Institute of Aeronautics &
  Astronautics Rocket Project.