

909.720.8906
sihrc.c.lee@gmail.com
sihrc.github.io

(Temp) Olin College of Engineering – MB416
(Perm) 1508 Highbluff Drive,
Diamond Bar, CA 91765

CHRISTOPHER LEE

OBJECTIVE **Developing engineer** and **software developer** seeking opportunities to contribute to a dynamic organization while expanding my skill set

EDUCATION **FRANKLIN W. OLIN COLLEGE OF ENGINEERING** **Class of 2015**
Engineering with a Concentration in Computing **GPA 3.74**

RELEVANT COURSEWORK : COMPUTING AND DESIGN

Software Design (Python), Mobile Prototyping (Android, Java),
Foundations of Computer Science (SML, OCAML), Data Science (Python),
User-Oriented Collaborative Design (Design), Human Factors in Interface
Design (Design)

EXPERIENCE **RESEARCHING ELECTRIC VEHICLES AT OLIN (ELECTRICAL LEADER)** **2014 - Now**

- Directly led a team of 10 engineers
- Developed a CAN system, motor controller logic, battery management system, hall-effect sensor, state of charge meter.
- Collaborated and communicated with other sub teams to integrate systems

DATA SCIENCE PROJECT: COLLABORATION WITH ATHENAHEALTH **2014 - Now**

- Project Manager and Student Liaison for the project
- Collaborated with Matt Ritter, liaison from athenahealth
- Developed a model to predict high medical costs with data provided by the U.S. Department of Health and Human Services

SCOPE FACEBOOK: HIRED ANDROID DEVELOPER **2014 - Now**

- Developed proprietary software in Android to increase the accessibility of Facebook in rural locations with low network connectivity

STUDENT RESEARCH: PYTHON MODELING AND SIMULATIONS **2012 - 2013**

- Developed software to simulate colloidal crystallization under external forces
- Developed software to process images of bacteria and tracked the collective motion of large bio film communities

PM ELECTRIC: REVIT ENGINEER **2012 Summer**

- Designed electrical construction plans for Vivante Assisted Living in Newport Beach
- Worked closely with other engineers and contractors on site

SKILLS & HOBBIES **AVID ANDROID APP DEVELOPER (JAVA)**

- Responsible for several apps on Google Play (including StoryQuilt)
– please visit my website listed at top for more information

KAGGLE – MACHINE LEARNING (PYTHON)

- Working with other students to compete in Kaggle competitions