

SHANE LI

CURRENT ADDRESS

400 MCCUTCHEON DRIVE
ROOM 157, Box 1400
WEST LAFAYETTE, IN 47907

U.S. CITIZEN

(408) 768-4974
Li2137@PURDUE.EDU
WWW.SHANELI.ME

PERMANENT ADDRESS

4521 ELMHURST DRIVE
SAN JOSE, CA 95129
ATTN: SHANE LI

EDUCATION

PURDUE UNIVERSITY, WEST LAFAYETTE, IN
BACHELOR OF SCIENCE IN COMPUTER SCIENCE
CUMULATIVE GPA 3.39/4.00, MAJOR GPA 3.70/4.00

EXPECTED MAY
2019

EXPERIENCE

PROSPECT HIGH SCHOOL ROBOTICS TEAM

2012 – 2015

PRESIDENT (2014 – 2015)

- MANAGED THREE SUB-TEAMS OF TEN TO FIFTEEN PEOPLE WITHIN THE ORGANIZATION
- PRESENTED PRESENTATIONS AT NUMEROUS CORPORATE AND COMMUNITY EVENTS (BROCADE COMMUNICATIONS, OOCL, STANFORD ROBOT BLOCK PARTY, SILICON VALLEY ENGINEERING COUNCIL, ETC.)
- DELEGATED WORK TO OTHER OFFICERS TO MAXIMIZE EFFICIENCY
- WORKED WITH FINANCIAL TEAM TO DRAFT BUSINESS PLANS AND GRANT PROPOSALS
- ORGANIZED TEAM TRIPS TO OUT-OF-STATE AND IN-STATE COMPETITIONS
- FUNDRAISED OVER 30,000 DOLLARS DURING TIME AS PRESIDENT

VICE PRESIDENT (2013 – 2014)

- OVERSAW PRODUCTION OF COMPETITION/PRACTICE ROBOTS
- MANAGED TEAM LEADERS FOR EACH SUBSYSTEM
- CREATED COURSES TO TRAIN MEMBERS OF TEAM IN DIFFERENT FIELDS INCLUDING MACHINING, SOFTWARE AND MARKETING
- COORDINATED WITH PARENTS TO BRING REAL WORLD EXPERIENCE INTO TEAM

SOFTWARE LEAD (2012 – 2015)

- MANAGED THE DEVELOPMENT OF SOFTWARE FOR VARIOUS PROJECTS
- PRODUCED CODE FOR AUTONOMOUS DRIVING OF ROBOT
- INTEGRATED GYROS, ENCODERS, POTENTIOMETERS, HALL EFFECT SENSORS TO WORK TOGETHER IN ORDER TO ACHIEVE SMOOTH OPERATION OF ROBOT

PROJECTS

ANDROID CALCULATOR

- IMPLEMENTED BASIC OPERATIONS (+, -, *, /, %, +/- ETC.)
- DESIGNED FROM SCRATCH USING ANDROID STUDIO
- PROGRAMMED USING JAVA AND XML
- USED REVERSE POLISH NOTATION TO PROCESS CALCULATIONS

BOILERMAKE HACKATHON 2015

- CREATED IOS APP CALLED "FARE IT" USING SWIFT IN XCODE
- APP HELPS A GROUP OF PEOPLE DECIDE WHERE TO EAT BASED ON LOCATION
- IMPLEMENTED YELP API TO GENERATE RANDOM RESTAURANTS BASED ON LOCATION

"CODE RED" DOOR JAMMER (DESIGN AND MASS PRODUCTION COMPLETE, IN USE)

- OVERSAW DESIGN AND PRODUCTION OF MECHANISM TO PREVENT SHOOTERS FROM ENTERING CLASSROOMS AT PROSPECT HIGH SCHOOL IN SARATOGA, CA
- COMPACT DEVICE WITH QUICK AND EASY DEPLOYMENT ON DOOR HANDLE
- MADE FROM STEEL, ABLE TO WITHSTAND UP TO 3600 LBS OF FORCE

SKILLS

PROGRAMMING

- JAVA (PROFICIENT), C (PROFICIENT), C++ (BEGINNER), PYTHON (BEGINNER), ANDROID DEV (BEGINNER)

LANGUAGE

- CHINESE (READ/SPEAK/WRITE)