

# SHANE LI

## CURRENT ADDRESS

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## PERMANENT ADDRESS

4521 ELMHURST DRIVE  
SAN JOSE, CA 95129

## EDUCATION

PURDUE UNIVERSITY, WEST LAFAYETTE, IN  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE  
CUMULATIVE GPA 3.48/4.00, MAJOR GPA 3.82/4.00

EXPECTED MAY  
2019

## EXPERIENCE

### TANGOME INC.

#### INTERN

- DESIGNED AND DEVELOPED CONFIGURATION MANAGEMENT SYSTEM USING PYTHON AND JINJA2
- DEVELOPED PYTHON SCRIPTS TO AUTOMATE THE MIGRATION OF MORE THAN ONE HUNDRED SERVICES TO NEW DEPLOYMENT SYSTEM
- CREATED PYTHON REGRESSION TEST SUITE TO ASSIST IN MIGRATION OF CORPORATE WEBSITE
- DESIGNED A HONEYPOT NETWORK TO CATCH INTRUDERS INSIDE PROD NETWORK
- DEVELOPED DIGITAL SIGNAGE SOLUTION USING RASPBERRY PI 3

MAY – JULY  
2016

### STRATYS CONSULTING

#### IT ADMINISTRATOR

- SETUP AND MAINTAIN CITRIX XENSERVER AND VMWARE VIRTUAL MACHINE ENVIRONMENT
- ACTIVELY MAINTAIN INFRASTRUCTURE WITH DOMAIN CONTROLLER, PRIVATE BRANCH EXCHANGE, DROPBOX, AMAZON S3, FIREWALL, VIRTUAL PRIVATE NETWORK AND NETWORK ATTACHED STORAGE ETC.
- DESIGNED AND CONFIGURATED CORPORATE NETWORK FOR COLLABORATION BETWEEN OFFICES IN UNITED STATES AND TAIWAN

DEC 2015 -  
PRESENT

### PROSPECT HIGH SCHOOL ROBOTICS TEAM

#### PRESIDENT (2014 – 2015)

- LEAD TEAM OF FORTY STUDENTS WITH THREE SUB TEAMS
- PRESENTED SPEECHES AT NUMEROUS CORPORATE AND COMMUNITY EVENTS
- FUNDRAISED OVER 30,000 DOLLARS DURING TERM AS PRESIDENT

## PROJECTS

### FANTASY BIRD

- APPLICATION TO CONSTANTLY MONITOR ALL ESPN FANTASY BASKETBALL TEAM MOVEMENTS
- SENDS E-MAIL ALERT WHENEVER A MOVEMENT IS MADE ON ANY TEAM
- USES MYSQL DATABASE TO STORE TEAM INFORMATION
- WRITTEN IN PYTHON

### SEARCH ENGINE AND WEB CRAWLER

- IMPLEMENTED CRAWLER USING JSOUP LIBRARY
- USES MYSQL AS DATA STORAGE
- COMMUNICATES WITH FRONTEND USING RESTFUL APIs
- WRITTEN IN JAVA AND HOSTED USING TOMCAT SERVER

### ANDROID CALCULATOR

- IMPLEMENTED BASIC ARITHMETIC OPERATIONS (+, -, \*, /, %, +/- ETC.)
- DESIGNED WITH ANDROID STUDIO
- USES REVERSE POLISH NOTATION TO PROCESS CALCULATIONS
- WRITTEN IN JAVA

## SKILLS

### PROGRAMMING

- JAVA (PROFICIENT), PYTHON (PROFICIENT), C (PROFICIENT), SQL, C++, ANDROID DEV, HTML/CSS, JAVASCRIPT

### LANGUAGE

- CHINESE (READ/SPEAK/WRITE)