

# SHANE LI

**CURRENT ADDRESS**  
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**PERMANENT ADDRESS**  
4521 ELMHURST DRIVE  
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## EDUCATION

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

### COURSES

CS180 OBJECT ORIENTED PROGRAMMING  
CS182 FOUNDATIONS OF COMPUTER SCIENCE  
CS240 C PROGRAMMING  
CS250 COMPUTER ARCHITECTURE (IN PROGRESS)  
CS251 DATA STRUCTURES AND ALGORITHMS (IN PROGRESS)  
CS390 ADVANCED JAVA PROGRAMMING (IN PROGRESS)

**EXPECTED MAY  
2019**

## EXPERIENCE

### TANGOME INC.

#### OPERATIONS INTERN

- ARCHITECTED TOPOLOGY MANAGEMENT SYSTEM FOR DEPLOYMENT SYSTEM USING JINJA2
- CREATED PYTHON REGRESSION TEST SUITE TO ASSIST IN MIGRATION OF CORPORATE WEBSITE
- DEVELOPED PYTHON SCRIPTS TO AID UNIFICATION OF DEPLOYMENT SYSTEM
- DESIGNED A HONEYPOT NETWORK TO CATCH INTRUDERS INSIDE PROD NETWORK
- DEVELOPED DIGITAL SIGNAGE SOLUTION USING A RASPBERRY PI 3
- REVERSE ENGINEERED CORPORATE WEBSITE SERVER STRUCTURE

**MAY – JULY  
2016**

### STRATYS CONSULTING

#### IT CONSULTANT

- SETUP TWO PHYSICAL SERVERS RUNNING CITRIX XENSERVER AND MIGRATED FROM OLD SERVER RUNNING VMWARE
- ACTIVELY MAINTAIN INFRASTRUCTURE WITH DOMAIN CONTROLLER, PRIVATE BRANCH EXCHANGE, DROPBOX, AMAZON S3, FIREWALL, VIRTUAL PRIVATE NETWORK AND NETWORK ATTACHED STORAGE
- BUILT NETWORK FOR 18 WINDOWS 10 VIRTUAL MACHINES TO ALLOW REMOTE ACCESS FROM TAIWAN OFFICE TO UNITED STATES OFFICE
- UPGRADED SYSTEMS TO SOLID STATE DRIVES IN BOTH U.S. AND TAIWAN OFFICES

**DEC 2015 -  
PRESENT**

### PROSPECT HIGH SCHOOL ROBOTICS TEAM

#### 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.)
- ORGANIZED TEAM TRIPS TO OUT-OF-STATE AND IN-STATE COMPETITIONS
- FUNDRAISED OVER 30,000 DOLLARS DURING TIME AS PRESIDENT

## 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

## SKILLS

### PROGRAMMING

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

### LANGUAGE

- CHINESE (READ/SPEAK/WRITE)