KAREN LI

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES
SEPTEMBER 2015 TO JUNE 2019

- B.S. Computer Science
- Cumulative GPA: 4.0 (Dean's Honor List)

RELEVANT SKILLS AND COURSEWORK

PROGRAMMING LANGUAGES C++, Python, PHP, SQL, HTML/CSS, MATLAB/Octave

SOFTWARE TOOLS Linux, Apache, MySQL, Bootstrap, Git, Vim, Sublime Text, Xcode

CS 31 / CS 32 (C++) Intro to CS, Data Structures, Algorithms, and OOP

CS 33 Computer Organization

ML Machine Learning by Stanford University (Coursera)

EXPERIENCE

JR. WEB DEVELOPER FOR FORTINET INC.
JUNE 2016 TO PRESENT

- Create a new archive for Fortinet's bug reporting database to optimize time required to view entries by splitting data between two databases
- Write scripts to correctly insert and remove data between databases based on user-selected criteria and create test scripts for the archive
- Utilize bug database APIs to implement a new website for Fortinet developers to view the archived entries efficiently

SECRETARY FOR UCLA-IEEE
MAY 2016 TO PRESENT

- Create newsletters every week that are sent to over 300 active members of IEEE and maintain relations with alumni
- Connect with companies to help sponsor events such as StartupFair.LA (emailed 56 companies and signed on Flux.la, TripScope, and Hart for $900 total last year)

ENGINEERING AMBASSADOR FOR UCLA
MAY 2016 TO PRESENT

- Give personal tours of the UCLA Engineering School and research labs to at least three groups every week
- Volunteer at events such as Engineering Welcome Day, which hosts over 700 new students every year

IEEE: OPEN PROJECT SPACE
SEPTEMBER 2015 TO JUNE 2016

- Hands-on intro to practical EE: hardware circuit assembly, soldering, PCB design, microcontrollers, and Arduino
- Capstone Project: soldered IR LED distance sensors and implemented PID control with Arduino for an autonomous line-sensing car prototyped on a breadboard

IOT ROBOT CAR SECURE COORDINATION PROJECT
SEPTEMBER 2015 TO DECEMBER 2015

- Prototyped robot car controlled by Intel Edison and developed IoT robot coordination systems based on secure data transport methods