Ricky Tham

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EDUCATION

University of California, Irvine   **June 2018**
Major: Computer Science
Minor: Film and Media Studies
Cumulative GPA: 3.190

California State University, Los Angeles   **June 2015**
Cumulative GPA: 3.39

SKILLS

- Computer Programming Languages: Assembly, C, C++, C#, Java, Python, SQL, HTML5, CSS3, Javascript
- Web framework: Django, Flask
- DevOps tools: CMake, Git, Github, Jenkins, Maven, Nexus, Subversion
- Languages: Cantonese (fluent), Mandarin (conversational)

WORK EXPERIENCE

Unisys   **June 2017 – Present**
Associate Systems Engineer

- Worked in the data access team, which involves client-side and server-side products for databases
- Developed system designs and documentation on all team products
- Developed system upgrades and integration driven development activities for all products in the team
- Provided technical input to integration and modeling during technical designs and demonstrations

California State University, Los Angeles   **June 2014 – August 2014**
STEP Program Facilitator

- Supervised 25-30 incoming engineering and computer science major students in math courses
- Assisted students by helping them understand different math theories
- Collaborated with a team of 5 educators to present better teaching experience by planning new course materials

PROJECTS

Udacity Full Stack Web Developer Nanodegree   **December 2018 – February 2019**

- Created a command line interface program that retrieves information from a database depending on user input
- Created a RESTful web application that allows user to post, edit, and delete information on the web application
- Deployed the web application onto an Amazon Web Services (AWS) Linux server

Thales Arduino Project   **October 2017 – November 2017**

- Participated in a event where groups of students create a product related to their company using an Arduino Uno board
- Created a prototype of a weight detection device that sends data to a server to know when an obstacle is ahead of them

Unisys Innovation Project   **August 2017**

- Collaborated with 4 engineers at Unisys to create a working prototype in one day
- Created a sensor device that would detect multiple sensors, such as temperature, carbon monoxide, carbon dioxide, and others, that would connect to a device with wi-fi and give them information on all sensors

AFFILIATIONS

Chinese Association University of California Irvine (CAUCI)   **September 2015 – June 2018**
Member

- Participated and performed as a main cast actor and dancer in an annual CAUCI Culture Night performance that consists of a skit performance and multiple dance performances
- Volunteered over 60+ hours of service at different service events hosted by CAUCI

Institute of Electronics and Electrical Engineering (IEEE)   **September 2014 – June 2015**
Member

- Participated in our CSULA Sumo-bot competition by programming our own unique robot
- Participated in multiple workshops related to hands-on circuits and programming