
MARK LIU

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EDUCATION

University of California, San Diego

09/2015 – 06/2019

- Intended Major: B.S. Math-Computer Science and B.S. Management Science

WORK EXPERIENCE

Tzu Chi USA – Web Development Intern

06/2017 – 09/2017

- Effectively collaborate in a 3-man team to create a new Income Recording System. The system was built following the MEAN stack design. Worked on duties mainly on the front-end UI using AngularJS, Angular Material, and REST API. Responsible to creating the interface used to submit income entries. Implemented file upload and download by parsing raw data from the server into a displayable image file or downloadable link.

GlobalHOPEInitiative – Web developer

07/2016 – 05/2017

- Created the main page without any previous templates. Uploaded HTML & CSS designs onto the server using WinSCP. Helped set up domain emails for every member.

LEADERSHIP & SERVICE

UCSD Tzu Ching – Volunteer & Historian

03/2017 – Current

- Assist students K-12 from low income family by offering tutoring services. Visit the senior center monthly and provide company to the elderly through entertaining activities such as charades.
- As a club officer, help lead volunteering events and instruct new members. Responsible for taking photos at events, editing via Adobe Lightroom, and maintaining photo albums on social media.

High School Yearbook – Graphic Designer

09/2013 – 06/2014

- Learned the basics of graphic design.
- Used GIMP to graphically design illustrations

PROJECTS

Mobile Map-based Photo Application Project

4/2017 – 06/2017

- Working in a 6-man group. Created using Android API, Firebase, and Android Studio. Worked mainly on the algorithm aspect. Used Google Maps API to calculate the location of photo taken to compare with current location. Created custom accounts for users by using firebase to upload and retrieve data.

SKILLS

<i>Familiar</i>	<i>Experienced</i>	<i>Software Tools</i>
C / C++	Java	R Studio
Python	HTML & CSS	MATlab
ARM (Assembly Code)	JavaScript	Brackets
SWIFT	AngularJS	Postman

INTERESTS

- **EXTRACURRICULAR:** Dance Teams, Taiwanese-American Student Association, Volunteering, Photography
- **TECHNICAL:** Stock trading, Piano, Game Theory, Entrepreneurship, Mobile App Development