

Kuan Xiang Wen

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4th year student seeking internship or full-time employment in software engineering (more back end), data analytics. Available April 2018 onwards.

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES, Los Angeles, CA

B.S. and M.S. in Mathematics and Computation, anticipated March 2018 GPA: 3.79, Major GPA: 3.77

Coursework includes: Operating Systems, Software Construction Laboratory, Computer Organization, Optimization, Machine Learning, Applied Numerical Methods, Mathematical Modelling, Probability Theory

TECHNICAL SKILLS

Languages: C, C#, C++, Python, MATLAB, XAML, HTML, JavaScript, Bash

PROJECTS

MEXICAN HERITAGE VR MUSEUM
INDEPENDENT PROJECT, UCLA

Spring 2017

- Used Unity to design and develop an interactive virtual museum on Google Cardboard
- Used Maya to develop 3D assets from photographs taken on-site

OS DESIGN PROJECT (ONGOING)
COMPUTER SCIENCE DEPARTMENT, UCLA

Fall 2017

- Designed embedded system on Beaglebone Green Wireless

STATE MERGING FOR SYMBOLIC DEBUGGING

Fall 2010

- Worked on Stanford open-source symbolic debugger KLEE
- Developed a function combating efficiency issues in highly iterative programs
- Analyzed effectiveness of changes made based on difference between symbolic variables

PROFESSIONAL EXPERIENCE

OMNI INTEGER PTE LTD (ELECTRONICS DISTRIBUTOR)
Engineering Intern

Summer 2014, 2015, 2016

- Presented and assisted in the presentation of numerous security and surveillance equipment
- Tested, maintained and wrote manuals for originally ill-documented products
- Assisted in designing a UI for a piece of hardware from supplied API

LEADERSHIP

SPLASH@UCLA, UCLA
Founder

2016-Present

- Teach/Learning your passion club
 - Together with team and parent org Learning Unlimited, planned and executed the Splash@UCLA 2017 on-campus events from scratch (handling funding, logistics, volunteer recruitment, etc). Had 26 Teaching volunteers and 77 high school attendees.
 - Created and maintained website for registration at splashat UCLA.learningu.org. If you have a grade 9-12 son/daughter, please do take a look! Our event is on 10 Feb 2018
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ACTIVITIES

- Lights/Sound designer of Culture Night in UCLA
- Volunteer at Mayor's Office, listening to constituents' problems 1-on-1 and suggesting course of action to representative.