https://cchin013.github.io/

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SUMMARY

I am a dedicated and passionate 4th year Computer Science student excited to enter the industry. I understand the importance of delivering high quality products to the end user and the significance of being able to explain technological jargon to a non-technical end user. My interests lie in web development, security and software development.

EMPLOYMENT

Jr. QA Programmer   **UCR Advancement**   **January 2019 – Present**

- Create and develop features for application frontend using VueJS with HTML/CSS/JavaScript
- Develop and deploy browser and API endpoint tests for company application
- Tests written in PHP and deployed using Laravel 5.7 Dusk and/or PHPUnit to simulate normal user interactions with the application
- Ensure proper functionality of application for end user by thoroughly testing the interface and identifying issues in the application architecture
- Check for security flaws involving URL slugs, authentication, routing, viewing and controller behavior

Freelance Web Developer   **November 2017 – May 2018**
www.kubotamortuary.com

- Created website for mortuary in the Los Angeles area
- Collected and refined customer specifications for website in areas such as design, UI, scalability, SEO and merchandise shop
- Employed Wix CMS to create website and implement customer specifications
- Created dynamic database for 1,000+ obituary individuals
- Implemented user search bar for database using WixAPI and fixed a visual database flickering issue by adding a debounce timer to user keypresses
- Helped transfer all existing information from old website(www.kubotanikkeimortuary.com) and helped redirect domain and emails to new domain

Web Developer Intern   **Universal EC. Inc - New Taipei City, Taiwan**   **Summer 2017**
Secondhand Electronics E-commerce Website

- Guided website through development lifecycle from planning to deploying
- Collected specifications from customer regarding design details to continuously refine product and employed Joomla CMS to implement requirements
- Worked under mentorship of head engineers to use company's proprietary website development methodologies to maximize efficiency and product quality
- Collaborated with fellow intern to broaden the scope of the project beyond barebones customer specs satisfaction.

EDUCATION

California, CA   **University of California, Riverside**   **June 2019**

- Computer Science, B.S.
- Overall GPA: 3.08/4.00
- Coursework: Data Structures & Algorithms, Discrete Mathematics, Machine Learning & Data Mining, Operating Systems, Embedded Systems, Software Construction, Graphics, Security, Virtual Reality

TECHNICAL EXPERIENCE

Projects

- **Mini Galaga** (2018). Miniature version of the Atari game Galaga. Created using an Atmega1284 microcontroller, joystick, push buttons and more. Programmed in C.
  HTTPS://GITHUB.COM/CCHIN013/MINI-GALAGA

- **rShell** (2017). Command shell written in C++. Mimics Unix commands through a C++ environment, e.g. ls, echo, mkdir, touch, exit, etc. Uses system calls to mimic the environment.
  HTTPS://GITHUB.COM/CCHIN013/RSHELL

ADDITIONAL EXPERIENCE

- **Company translator (Chinese to English) (2017)**. Completely translated the company Universal EC Inc.'s website from Chinese to English.
  http://www.universalec.com/en/

Languages and Technologies

- Python (Proficient); VueJS (Proficient); C++(Familiar); HTML/CSS/Javascript (Familiar); SQL (Familiar); PHP (Familiar)