Student Software Developer

CINDY WANG

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Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE & SYSTEMS

- University of Washington, Tacoma – GPA: Magna Cum Laude   December 2017

BACHELOR OF ART IN PSYCHOLOGY

- University of Washington – GPA: Magna Cum Laude   2012—2015

Experiences

STUDENT INSTRUCTOR AT EXPEDIA'S CODING DOJO EVENT - Bellevue, WA   June 2016—Present

- Work with kids and teach them version control and basic programming languages, such as Python and JavaScript.

STUDENT RESEARCH ASSISTANT AT THE VISION AND COGNITION LAB- Seattle, WA   2015—2016

- Collaborated with a professor at the University of Washington to translate the book *Matlab for the Behavior Science* to Python.
- Worked closely with a professor using Matlab to apply 2D FFT and machine learning for image classification. The research was presented at the 19th Annual Undergraduate Research Symposium at the University of Washington.

STUDENT SUMMER INTERN AT THE CURELAN TECHNOLOGY CORPORATION - Kaohsiung, Taiwan   Aug—Sep 2015

- Applied basic TCP/IP knowledge to help detect malicious threats in the security system used by universities and companies in Taiwan.
- Translated the products manual from Chinese to English and helped market the products through video production.

STUDENT RESEARCHER AT THE CENTER FOR THE HEALTH AND RISK BEHAVIORS - Seattle, WA   2014—2015

- Designed and regulated website to inform the subjects of the Filipino American Alcohol-Usage study and encourage participation.
- Analyzed qualitative and qualitative data using SPSS and R and presented at the Behavioral and Cognitive Therapies (ABCT) conference.

Projects

PARKING LOT   Jan —March 2017

- A PHP application that allows users to enter and manipulate parking lot data by interacting with the MySQL database.

BOMBERMAN GAME   Jan —March 2017

- A multi-levels and multi-players Bomberman game that is created by a team of three using JavaScript.
- Artificial intelligent enemies are included for the non-player characters using known data structure, algorithm, and design pattern.

EVENT CALENDAR   Sep —Dec 2016

- A java platform that utilizes object-oriented design and Agile Scrum practices to provide good end-user experiences for donors and organizations to connect with the recipients.
- Junit test is used to improve the quality of the platform by identifying any software regression or any redundant codes.

FRESHBOX (START UP HACKATHON)   July 2016

- An Android app that connects with MySQL database to allow customers to keep track of their kitchen inventory.
- A user-friendly website designed using HTML, CSS, and Bootstrap to promote the company and products and to allow easy purchase.

Awards & Activities

Member, HuSCII Coding	Feb 2015—Present
Member, Women in Computing Science	Feb 2015—Present
Dean's List of Honor	Sep 2012—Present
Microsoft Office Specialist Expert Certification for Office 2010	Sep 2012 - Present
Member, Chinese Taipei (TPE) Chess Team	2007—2012