

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE & SYSTEMS

- University of Washington, Tacoma – GPA: Magna Cum Laude March 2018

BACHELOR OF ART IN PSYCHOLOGY

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

Experiences

SOFTWARE DEVELOPMENT ENGINEER INTERN AT AMAZON - Seattle, WA

Sep — Dec 2017

- Collaborated with the design team to implement a front-end JavaScript feature on Amazon's New and Interesting Finds site.

SOFTWARE DEVELOPMENT ENGINEER INTERN AT EXPEDIA, INC. - Bellevue, WA

June — Sep 2017

- Ensured the quality of the platform by using a cucumber framework to support UI functional and regression testing automation in Ruby.
- Took part in migrating the code from local server to Amazon Web Server (AWS) and helped incorporate the code into existing pipeline.
- Utilized object-oriented design and Agile Scrum practice to implement client-side JavaScript features and server-side Java features that help improve customers shopping experience.

STUDENT RESEARCHER 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 analyze qualitative and quantitative data and apply 2D FFT and machine learning for image classification. The research was presented at the 19th Annual Undergraduate Research Symposium at 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.

Projects

AWS ELASTICACHE BENCHMARKING

Mar — June 2017

- Built a self-hosted fully-distributed Redis system using a multi-threaded Java program to import large data set(170GB).
- Collaborated with a team of three to stress test the self-hosted system with the Amazon AWS ElastiCache using Bash script.

BOMBERMAN GAME

Jan — March 2017

- A multi-level and multi-player Bomberman is developed using JavaScript and is merged using Git version control by a team of three
- 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 using PHP 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