

Emily Wu

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SUMMARY

Aspiring UX researcher with background in software engineering and business, enabling excellent mediation capabilities in cross-functional environments. Empathetic and inquisitive problem solver with dedication to obtaining quantitative and qualitative data to drive intuitive user experiences.

EDUCATION

University of California, San Diego

Oct 2014-Sep 2018

- B.S. Computer Science, Economics Minor
- Cumulative GPA: 3.84 – *Magna Cum Laude*
- Coursework: Interaction Design, Econometrics, Data Science, Computer Vision, Successful Entrepreneurship, Software Engineering, Web Client Languages

WORK EXPERIENCE

Tohoku University Ito Laboratory

Sendai, Japan

Student Researcher

Apr 2018 – Aug 2018

- Using Keras API, developed Python program to perform real-time facial expression classification
- Processed and cleaned training data from large image and video databases using Python
- Aggregated test set data by recruiting and recording 20 Japanese university students

Abalta Technologies

San Diego, CA

Software Engineering Intern

Jul 2017 – Sep 2017

- Proposed and implemented solution to customize application for clients; prepared different build environments to support multiple Android application flavors and UI updates
- Localized Android mobile application and implemented soft keyboards to support content in 6 languages

UCSD Computer Science & Engineering Department

La Jolla, CA

Tutor: Object Oriented Programming & Advanced Data Structures

Sep 2016- Jun 2017

- Co-authored online textbook; created practice problems and wrote content on introductory CS concepts
- Conducted lab hours to help students complete and debug assignments in Java and C++

BofI Federal Bank

San Diego, CA

Operations Intern

Oct 2015 – Feb 2016

- Approved and issued \$5MM of income property letters of intent after analyzing risk factors
- Audited SQL queries, spoke with management to ensure newly built reports met specifications

OTHER EXPERIENCE

Dealio! (HTML, CSS, JavaScript)

UX Researcher, Lead Developer

- Utilized design process to conceptualize and develop coupon web application for seniors and adults ages 40+
- Conducted field observations, contextual interviews, usability and A/B tests for the application
- Utilized JQuery to implement major interactions such as form input processing, sorting, and filtering

International Rescue Committee

Tax Preparation Intern

- Conducted intake interviews with a diverse set of clients to gauge eligibility for tax credits and exemptions
- Assisted over 50 parties by preparing and filing tax returns and performing quality reviews

SKILLS

Research Methods: Interviewing, contextual inquiry, surveys, usability testing, A/B testing, competitive analysis

Technologies: Java, Python, HTML, CSS, JavaScript, SQL, Agile Development, Git

Platforms: Unix/Linux, Windows

Spoken Languages: English, Mandarin, Japanese