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Emily Wu

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EDUCATION

University of California, San Diego   Expected Graduation: August 2018
- B.S. Computer Science, Economics Minor
- Cumulative GPA: 3.93 - Caledonian Honors Society
- Coursework:
  Object Oriented Programming, Advanced Data Structures, Design and Analysis of Algorithms, Software Engineering, Programming Languages, Computer Operating Systems, Computer Vision

SKILLS

Languages: Java, C, C++   Platforms: Windows, Unix/Linux
Familiar with: Android Studio, Agile Framework, Git, HTML, CSS, JavaScript

PROJECTS

Dealio! (HTML, CSS, JavaScript)
- Dealio! is a digital coupon book web application designed for mobile use. Assisted in design and conceptualization of the application.
- Utilized Jquery to implement major functions and interactions of the application, such as form input processing, sorting, and filtering

Coordinatr (Android Studio, Java)
- Coordinatr is an Android application that simplifies meeting and event planning among groups of acquaintances.
- Assisted with object oriented design and performed user interface testing using Espresso.

WORK EXPERIENCE

Abalta Technologies   San Diego, CA
Software Engineering Intern   July 2017 – September 2017
- Localized Android mobile application and implemented Android soft keyboards to support content in Arabic, Portuguese, Spanish, Bulgarian, Canadian French, and English.
- Customized application for clients by preparing different build environments in Jenkins to support multiple Android application flavors and UI updates.

UCSD Computer Science & Engineering Department   La Jolla, CA
Tutor: Object Oriented Programming & Advanced Data Structures   September 2016- June 2017
- Co-authored online textbook; created practice problems and wrote content on variable scope, operator precedence, recursion, and other introductory CS and object oriented concepts.
- Conducted lab hours to help students complete and debug assignments in Java and C++.
- Facilitated discussion during lecture on class topics such as inheritance and polymorphism.

California Space Grant Consortium   La Jolla, CA
Arduino Computer Development & Programming Intern   August 2016 – September 2016
- Constructed a sensor package for future research purposes. Built temperature, humidity, UV, and pressure sensors by assembling circuits and soldering components.
- Programmed Arduino microcontrollers to sense and record data from launched near space balloons