ED NGAI

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Education

University of California San Diego
B.S. Computer Science Candidate, June 2017
Minor: Entrepreneurship & Innovation
GPA: 3.33

Work Experience

Digium   *Feb. 2016 – Present*
UI Designer
- Working with lead UX designer to deliver quality UI Mockups, Wireframes, and Prototypes for an enterprise telephone software company

UCSD Cognitive Science   *Jan. 2016 – Present*
Instructional Assistant
- Working closely with professor to teach topics in usability and information architecture
- Assisting students on the technical aspect of design – leading lectures on html/css and how to make websites

UCSD Alumni Association   *July 2015 – Present*
Web Developer
- Utilizing HTML & CSS to deliver new and exciting webpages for alumni events and programs
- Spearheaded development of a 5K race website, from design to implementation

Projects

Duet, *Sept. – Dec. 2015*   *Sept. – Dec. 2015*
iOS Developer + UX/UI Designer
- Designed and developed an event-first matchmaking app, allowing users to meet new people based on common musical interests
- Iterated through multiple low & high fidelity prototypes using technologies such as Fluid UI, Photoshop, and InVision
- Staff picked on Portfolium

FitKit   *Sept. – Dec. 2015*
Android Developer + UI Designer
- Implemented a health tracking application using Android Studio that allows users to keep track of their calories, weight & BMI
- Developed with Agile methodology, utilizing user stories, stand-up meetings and weekly iterations
- Employed Parse as a back-end to handle user data

Skills

Languages
- Java
- C++
- JavaScript
- Swift
- HTML
- CSS

Technologies
- Xcode
- Android Studio
- Vim
- Eclipse
- Parse
- Adobe Photoshop
- Adobe Illustrator
- Axure
- InVision

Relevant Coursework

CSE 110: Software Engineering
- Agile Methodology
- Object-Oriented Design
- Android Studio + Java

CSE 100: Advanced Data Structures
- Trees + Graphs + Hash Tables + Queues + Stacks
- Huffman Encoding
- C++

COGS 187A: Information Architecture
- Xcode + Swift
- Rapid Prototyping
- UX Design

Community & Awards

- SD Hacks Organization Team
- Trend Magazine Creative Director
- UCSD Student Foundation
- Provost Honors
- De Paul Scholarship
- Lasallian Vincentian Scholarship