

MADISON MCCARTHY



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929 W 28th Street
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Select Coursework:

Completed: Data

Structures and Object
Orientated Design, Discrete
Mathematics, Technologies
for Interactive Marketing,
Web Publishing

Fall 2016: Principles of
Software Development,
Introduction to Algorithms
and Theory of Computing,
Applied Business Statistics,
Marketing Fundamentals

Languages:

- C++
- HTML/CSS
- Java
- Swift
- Scala

Skills:

SEO: Moz, Hootsuite,
Google Analytics, Mail
Chimp

Education

University of Southern California

August 2014-Present

Major: Computer Science & Business Administration

GPA: 3.3

Technical Projects

Quark

November 2015

Interactive Real-Time Video Editing and Audio Mixing

- Created a multiplayer Apple TV application where each player is able to edit video in real time with different iPhone gestures, allowing audio mixing of different instruments by scanning their corresponding QR codes

WWDC 2016 Scholarship Application

May 2016

iOS application highlighting gender bias and harassment in the tech industry

- Displays information via a custom deck-of-cards layout, and utilizes 3D touch to allow users to “flip” the cards and learn more about a given topic
- Awarded WWDC 2016 Scholarship

Work Experience

Software Engineering Intern, Twitter

May 2016-August 2016

Implemented support for deciders, which turns features on or off, to Twitter’s continuous integration testing framework’s TestBox

- Worked with Twitter’s Scala codebase built on top of their open-source frameworks
- Changed implementation of a core service API which impacted hundreds of Twitter Services
- Wrote TestBox tests for core services using deciders

Teaching Assistant, Viterbi School of Engineering

January 2016-Present

Helped structure the Digital Entrepreneurship minor with Professor Mike Lee

- Teaching Assistant for Technologies for Interactive Marketing and for Building the High Tech Startup

Venture Consultant, Venture Studios

January 2016-Present

Helping build USC’s most thriving co-working space for entrepreneurs by working with and consulting student startups

Leadership

Lead, Generation Girl

November 2015

Brought 50 female first-generation aspiring college students to USC to inspire and motivate them to become engineers and bridge the gender gap

- Taught attendees to code their own websites; demonstrated 3D printing; trained girls to partake in a pitch competition
- Secured event funding from Microsoft, Ticketmaster, Doordash
- Oversaw event branding, marketing, planning and logistics

Lead, Project Launch

January 2016- Present

Semester long mentorship program that connects 10-15 inner city high school students to college-student mentors

- Students will attend workshops that expose them to the skills they need to be leaders in their fields and empower them to take on a growth mindset when tackling future challenges
- Oversee program branding, fundraising, marketing, planning and logistics

Awards

Scholarship Recipient, WWDC 2016

May 2016

- Awarded a scholarship to Apple’s Developer Conference for my app highlighting gender bias and harassment women face in the tech industry

Quark, HackSC

November 2015

- Disney - Best Use of Visual Media
- Apple - Best iOS or OS X app
- Best Newbie Hack

ThinkChicago Invitee

August 2015

- Selected from a pool of 1,000 applicants from 36 universities
- ThinkChicago showcases Chicago’s tech industry. It is a partnership between the City of Chicago, World Business Chicago, Chicago Idea Week and 1871.

Blackstone Launchpad’s Solve a Campus Challenge

April 2016

- Won 3rd place for a platform that helps connect students to startups