Rohan Taori

in rtaori
○ rtaori
D rtaori

http://rohantaori.com/   rohantaori@berkeley.edu   (408) 505-4471

Education

UC Berkeley Electrical Engineering and Computer Science, Class of 2020	Aug 2016
Coursera (Online)	Mar - Dec 2015

    Courses: Algorithms Part I, Algorithms Part II

Experience

Software Automation Engineer – Dreamable   Jun - Aug 2016
- Worked closely with company founders on early-stage product development
- Created complete UI test suites for each of the company's platforms: web, iOS, and Android
- Technologies: Rspec, Selenium Webdriver, Capybara, UITest, C#, Ruby, HTML

Software Development Intern, Test Cloud – Xamarin [Bought by Microsoft]   Jun - Aug 2015
- Developed cross-platform test suites using UITest (C#) and Calabash (Ruby)
- Worked on apps from Uber, Pinterest, and Trello, giving engineers feedback on app performance
- Spearheaded the rollout for UI scripting support on Appium's Java framework

Co-Founder & President – SFHS Programming Club   Feb 2014 - May 2016
- Coached analysis and design of algorithms and data structures to various competitive coding problems
- Directed a year-long series on beginning web and app development for new members
- Held mock competitions to train regularly and prepare for programming competitions and hackathons

Project Highlights

MyFi.py   Oct 2016
- Built an online service that allows users to see attendance numbers at various host events around them in real-time
- Used wifi pinging to estimate number of people and a Firebase backend for storing and rendering information
- Worked on wifi pinging capability via fping and rendering information on a live website with JS

Rekt – 1st Place Winner @ OHacks   Feb 2016
- Developed an iOS app that introduces a streamlined way to help flustered drivers deal with accident logistics
- Features include easy emergency contact, storing accident pictures, and quickly exchanging information
- Worked on accident information to store crash pictures and use Google Maps API to share location

DroneFPS   Nov 2015
- Created an AR shooting game that allows user to control the drone to shoot at zombies dipslayed on drone's live feed
- Implemented JS to connect PS3 controller to the drone, hack the drone's live feed, and overlay the generated zombies

Chat Messenger   May 2015
- Built a group text-messaging app with ability to send pictures/audio over standard TCP connection
- Employed methods for data serialization, connecting servers and hosts, and multi-threading
- Implemented the LZW text-compression algorithm to minimize history footprint

Recognition

Perfect score on Computer Science AP test – one of 67/50,000 worldwide students
2nd place in Advanced Division at Silicon Valley HP CodeWars – out of 60+ teams
2nd place in Advanced Division and team with most solved problems at Lockheed Martin CodeQuest
1st Place Best Overall Hack at Oakland Hacks for the app Rekt
Regents' and Chancellor's Scholar at UC Berkeley

Skills

Languages: Java, C#, Python, Ruby, HTML/CSS/JS
Theory: string manipulation, graph searching, FSMs, sorting, arrays & lists, stacks/queues, U-F, trees