

Rohan Taori

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Education

UC Berkeley EECS, Class of 2020

Started Aug 2016

Degree: Bachelor of Science in Electrical Engineering and Computer Science

Coursera (Online)

Mar - Dec 2015

Courses: Algorithms Part I, Algorithms Part II taught by Princeton University

Experience

Chief Automation Engineer – Dreamable

Jun - Aug 2016

- [Startup still in secret mode] Created complete Rspec test suites for each of the company's platforms, using Selenium testing (in Ruby) for the web, and UITest (C#) for the Android and iOS apps

Mobile Software Development Intern, Test Cloud – Xamarin

Jun - Aug 2015

- Developed cross-platform test suites using UITest (C#) and Calabash (Ruby) for apps such as Uber, Outback, and Pinterest, and gave technical recommendations on app performance to those engineers
- Spearheaded the rollout for a new branch of testing supported 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

Rekt – 1st Place Winner @ OHacks

Feb 2016

- Developed an iOS app that introduces a streamlined way to help flustered drivers deal with accident logistics, complete with emergency contact, storing pictures, and quickly exchanging information
- Worked on accident information to store crash pictures and use Google Maps API to share location

CandidateCatch

Feb 2016

- Created a bucket-ball game of political trivia that increases political awareness among younger generations by "gamifying" politics just in time for the 2016 elections
- Used SpriteKit to create falling bob-heads that the user would catch in a bucket

DroneFPS

Nov 2015

- Created an augmented reality shooting game that allows user to control a drone and shoot at zombies generated onto the drone's live feed
- Used JS to connect PS3 controller to the drone, hack the drone's live video feed, overlay the game

Chat Messenger

May 2015

- Built a 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 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 and team with solved problems at Lockheed Martin CodeQuest
- Best Overall Hack at Oakland Hacks
- Regents' and Chancellor's Scholar at UC Berkeley

Skills

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