

Rohan Taori

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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 [Now Microsoft]

Jun - Aug 2015

Developed cross-platform test suites using UITest in C# and Calabash in 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 displayed 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 – achieved by 67 out of 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