Rohan Taori

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Objective: Seeking a challenging internship in software development. Feel free to contact me!

Education

UC Berkeley EECS, Class of 2020 — Starting Aug 2016
Degree: Bachelor of Science in Electrical Engineering and Computer Science

Saint Francis High School — Graduated May 2016
Courses: Computer Programming, AP Computer Science

Coursera (Online) — Mar - Dec 2015
Courses: Algorithms Part I, Algorithms Part II

Experience

Mobile Software Development Intern, Test Cloud – Xamarin — Jun - Aug 2015
- Developed cross-platform test script suites for mobile apps and provided technical feedback
- Spearheaded the rollout for testing support on Appium's Java framework

Co-Founder & President – SFHS Programming Club — Feb 2014 - May 2016
- Taught analysis and design of algorithms and data structures to various coding problems
- Taught beginning web and app development and hacking with hardware
- Trained regularly and prepared 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

Skills

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