NEAL GOYAL

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EDUCATION

University of California, Riverside
B.S. Computer Science (Minor: Marketing)
Estimated Graduation: June 2020
Courses: Data Structures and Algorithms, Technical Communication, Entrepreneurship in Computing

SKILLS

PROGRAMMING: JavaScript, C++, C#, Swift, SQL, Python
TECHNOLOGIES: Google Cloud, .NET, Latex, PostgreSQL, Azure, Adobe Creative Suite, Linux
METHODOLOGIES: Agile, Scrum

WORK EXPERIENCE

PROCEPT BioRobotics   June 2018 - Aug. 2018
Software Engineering Intern   Redwood Shores, CA
• Programed a remote desktop screen sharing software to collect aggregate procedure data using C# and .NET
• Developed an automated live map of all clinical cases using JavaScript and Firebase integrated with Salesforce
• Researched methods to deploy software updates on all devices in hospitals

PROJECT MANAGEMENT

Google Cloud (via Vaco)   Sept. 2018 - Current
Student Innovator   Riverside, CA
• Teaches Firebase and Cloud workshops with 50+ students developing fully functional projects per event
• Organizes 10+ events throughout the school year with a total of 1000+ attendees across campus
• Collaborates with 5+ student organizations to share cloud technologies and $100 credits to members

UC Riverside   Sept. 2018 - Current
Resident Advisor   Riverside, CA
• Supervises 72 first-year residents overseeing student behavior and conduct for student housing
• Plans 15 programs with 30+ attendees per event to provide campus resources and networking opportunities

Amazon (via Riddle & Bloom)   Aug. 2018 - Current
Campus Ambassador   Riverside, CA
• Coordinates weekly tabling events to share Prime Student reaching 300+ interactions per event
• Leads interactive presentations in front of student organizations with 100+ member

CAMPUS LEADERSHIP

Bourns College of Engineering Leadership Council · Treasurer   May 2018 - Current

Residence Halls Association· Vice President of Administration and Finance   Sept. 2017 - June 2018

Association for Computing Machinery · Outreach Chair   Apr. 2017 - May 2018

Institute of Electronics and Electrical Engineers · Professional Development Chair   Apr. 2017 - June 2018

HACKATHON PROJECTS

iSpy   Mar. 2018
• Created an iOS application to play a scavenger hunt game using Swift, Objective-C, and machine learning
• Developed using Microsoft Azure's Custom Vision and CoreML to display real-time classification of objects

Play Music   Feb. 2018
• Developed an iOS application to play and record various instruments on your mobile device
• Implemented the program using Swift and Apple's AV Foundation API
• Integrated Google's Firebase in order to create a login and messenger feature for users to share their music

Remind Me Bot   May 2017
• Created an automated Twitter user account that delivers custom reminder notification tweets
• Collaborated with three students to develop this program using Agile, Python, C++, and Twitter's API