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: Python, C++, Java, Swift, C#, SQL
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

CAMPUS LEADERSHIP

Residence Halls Association   Sept. 2017 - June 2018
Vice President of Administration and Finance   Riverside, CA
• Integrated 5+ years of the organization's paper documents into an online database for 30+ staff members
• Managed a budget of over $50,000 catering to over 3,000 residents for programs, travel expenses, and more

Association for Computing Machinery   Apr. 2017 - May 2018
Outreach Chair   Riverside, CA
• Led iOS and application development workshops with members developing fully functional shopping list apps
• Communicated with 150+ students within all majors about joining the organization by tabling and social marketing
• Promoted local volunteer opportunities to members during bi-weekly general meetings

Institute of Electrical and Electronics Engineers   Apr. 2017 - June 2018
Professional Development Chair   Riverside, CA
• Organized a tour in Northern California for 15 students at 4 top tech companies overseeing all logistics and finances
• Communicated with 10+ industry professionals in speak to give undergraduate students networking opportunities
• Planned an annual engineering event for 50+ attendees overseeing guest speakers and event logistics

COMMUNITY DEVELOPMENT

Google Cloud Student Innovator · Vaco   Sept. 2018 - Current

Resident Advisor · Residential Life   Sept. 2018 - Current

Amazon Campus Ambassador· Riddle & Bloom   Aug. 2018 - Current

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