Saman Alex Hashemipour

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EDUCATION

University of California, Los Angeles *September 2017- March 2020*

- Batchelor's of Science in Computer Science
- Graduated with an overall undergraduate GPA of 3.5
- Courses in Intro to C++, Intro to Java, Data Structures, Assembly Language, Operating Systems, Intro to Computer Graphics, Network Fundamentals, Intro to Machine Learning, Programming Languages, Algorithms, Automata Theory, Introduction to Bioinformatics, Software Engineering

WORK EXPERIENCE

Software Engineer Intern - Ultra Communications *November 2016 - March 2018*

- Developed a robust full-stack register debugger used to quickly test high durability transceivers used in commercial satellites
- Quickly implemented different *Python* and *C#* libraries to develop sleek front-end interfaces and reliable backend communication

Director - IDEAHacks Hardware Hackathon *May 2018 - January 2020*

- Organized the largest hardware hackathon on the west coast
- Delegated assignments based on site plans, event needs and knowledge of individual team members
- Built and strengthened valuable industry partnerships to drive collaboration, engagement, and revenue

PROJECTS

Lucy - The At Home Robot *May 2017 - Present*

- Created a universal remote using a *Raspberry Pi* and *Python 2.7* to control the TV, stereo, blinds, and lights by using the human voice to administer commands
- Extended project to control a small robot with arms to find objects in a room
- Real-time object identification and classification using *OpenCV* in *Python*

Roomies *September 2019 - December 2019*

- Collaborated with group members to create an all-in-one roommate management web application
- Consisted of a communal shopping list, interactive chore list, and roommate status indicator
- Used *MERN* stack to implement design and create an end-to-end experience

SKILLS

Languages: Python | Java | C++ | Node.js | C | C# | Arduino | MATLAB | Swift

IDEs: Eclipse | PyCharm | Arduino | Visual Studio | Xcode

Libraries: TensorFlow | Qt | Numpy | sci-kit-learn | Pandas | OpenCV

Hobbies: Piano | Bass Guitar | Dungeons & Dragons | Hip Hop | Running | Rock Climbing