Sang Woon (Ben) Lee

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Website: https://www.sangwoonlee.com/
Portfolio: https://devpost.com/MakePLAN
Github: http://www.github.com/MakePLAN

Education:

University of Southern California   December 2017
B.S. Computer Engineering and Computer Science

Skills:

Programming Language: C++, C# ,Javascript, Java, Python, VBS
Knowledge: Automation, Networking, OpenCV, Parallel Programming, REST API, Web Server

Employment:

Republic of Korea Air Force   Nov 12, 2018 - Current
- Information Security Specialist
- Monitor and manage Server and Website Infrastructures Status
- Prevent potential security attacks through continuous updates
- Develop Automation tools for current and future task

Clobot Inc.   Jun 4, 2018 - Nov 5, 2018
- Robotics Specialist
- Implemented the software infrastructure for the commercial robot
- Programmed the functionality of robot using ROS library in Python
- Integrated the robot with Web server and Desktop Applications

A1 College Learning Center   Mar 12, 2018 - May 15, 2018
- Application Developer
- Freelance project to develop an application to grade OMR sheets and record results per student
- Implemented OMR and OCR detections using OpenCV Library
- Developed Desktop application using PyQt

Sony Interactive Entertainment: Software Engineer Intern   May 23, 2016 - Aug 12, 2016
- Software Engineer Intern
- Developed features in automation test framework for PS4 (PlayStation 4) applications
- Developed an automation test framework for mobile apps on both physical devices and cloud platforms

University of Southern California: Robotics Interaction Research lab   Sep 17, 2015 - May 15, 2016
- Student Research Assistant
- Research project focused on the interaction between the robot and human
- Developed a web application that communicates between Web Page and Linux Server
- Programmed a robot with ROS Library in Python

Awards/Software Projects:

LAHacks 2017 - Overall 4th Place, April 2017
- Chore Assistance Robot using TurtleBot and Microsoft Kinect
- **https://devpost.com/software/alfred-e4b80r**

LAHacks 2016 - Best Use of Microsoft Technology, May 2016
- IoT backpack that helps to explore the city just by interacting with Chatbot in Skype
- **http://devpost.com/software/dorax**

2016 Microsoft Imagine Cup - United States Finalist