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Wei Low

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EDUCATION

Massachusetts Institute of Technology (MIT)
- Major: Electrical Engineering and Computer Science, Class of 2017
- Relevant Coursework: Introduction to Algorithms, Artificial Intelligence, Probabilistic Systems Analysis, Circuits and Electronics, Computation Structures, Electronics Fabrication I & II

SKILLS

Programming: *Java, Python, Javascript (& Angular.js, D3.js), C/C++/C#, HTML/CSS*
Other: *Robot Operating System (ROS), PCB design, circuit layout, soldering*

EXPERIENCE

Summer 2015   **Visa, Inc.**, *Clearing and Settlement Intern*
- Designed web app for transaction rates and volume analytics
- Analyzed and developed POC for migrating transaction record processing from mainframe to open systems

Jan-May 2015   **MIT Media Lab**, *Personal Robots Group Undergraduate Researcher*
- Created integrated application in C# to send and parse sensor data using Windows Kinect 2.0 sensor and SDK
- Coded behavioral algorithms for an interactive human-robot demo

Summer 2014   **Orbital ATK**, *Electrical Engineering Intern*
- Designed electrical systems to monitor air launch vehicle status and power distribution
- Performed netlist checking for circuit schematics ranging 3-31pgs long

2013-2014   **MIT Space Systems Lab**, *Zero Robotics Undergraduate Researcher*
- Collaborated with a game development team to create a programming competition in a simulated space environment
- Improved SPHERES satellite test plans by updating procedures to be used on the ISS

PROJECTS

2015   **weilow.me** personal website
SomeWear Android Wear Application for exploring cities

2014   **NASA RASC-AL RoboOps,** MIT Robotics Team (2nd Place)
- Developed image processing algorithms to identify colored rocks in a mock planetary environment

LEADERSHIP/EXTRACURRICULARS

Undergraduate Student Advisory Group in EECS, *Member* (2014-2015)
Society of Women Engineers, *Girl Scouts Outreach Chair* (2015)