

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 (&D3.js), C/C++/C#, Android Studio, HTML/CSS*

Other: *Robot Operating System (ROS), PCB design, circuit layout, soldering*

EXPERIENCE

Summer 2015 Visa, Inc., Full Stack Software Intern

- Designed web app for transaction rates and volume data analytics
- Analyzed and developed POC for migrating transaction record processing 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
- Developed 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

2012 SySTEMic Solutions, Robotics Camp Counselor

- Helped students code autonomous and driver-operated programs in RobotC
- Assisted students with strategic design and construction of robots

PROJECTS

2015 Subit Samsung GearVR app that provides subtitles for the hearing impaired
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)