

Wei Low

weilow@mit.edu | weilow.me | github.com/girllovesrobots

EDUCATION

Massachusetts Institute of Technology

2013-present

S.B., Electrical Engineering and Computer Science, expected June 2017 (GPA: 4.3/5.0)

SKILLS

Programming	Java, C#, Python, C++, C, HTML/CSS, Javascript, MATLAB
Other	Verilog, FPGA, soldering, Android, Arduino, Robot Operating System, LTspice
Relevant Coursework	Adv. Undergraduate Algorithms, Artificial Intelligence, Probability Systems Analysis, Signals and Systems, Circuits and Electronics, Introduction to Digital Systems Lab, Solid-State Circuits

EXPERIENCE

Microsoft Core R&D Software Development Intern	Redmond, WA May-Aug 2016
<ul style="list-style-type: none">• Bluetooth, CSRmesh and IoT research and development for the SiGMA team• Wrote C# application that enabled communication between a Windows node and Bluetooth devices on a mesh network	
Visa, Inc. Software Engineering Intern	Foster City, CA June-Aug 2015
<ul style="list-style-type: none">• Designed and implemented an internal analytics dashboard using AngularJS, D3.js for transaction data and data center monitoring	
MIT Media Lab Undergrad Researcher	Cambridge, MA Jan-May 2015
<ul style="list-style-type: none">• Created integrated application to stream sensor data from Kinect 2.0 to ROS• Developed behavioral algorithms on top of legacy robot code that used auditory and gestural data from the Kinect to control a testbed robot	
Orbital ATK Electrical Engineering Intern	Dulles, VA June-Aug 2013
<ul style="list-style-type: none">• Verified circuit schematics ranging 3-31 pgs long• Designed electrical system layout for power distribution• Authored significant portion of configuration description document	
MIT Space Systems Lab Undergrad Researcher	Cambridge, MA Jun 2013-Jan 2014
<ul style="list-style-type: none">• Developed and improved game AI standard players• Updated SPHERES satellite test plans to be used on the ISS• Collaborated with team to create a programming competition in a simulated space environment	

SELECTED PROJECTS

HoloInOne	Microsoft HoloLens and Band to add tactile component to mixed reality experiences
Fpglappybird	Hardware implementation of the popular mobile game "Flappy Bird" on the Nexys 4 DDR
Subit	Samsung GearVR app that provides subtitles for the hearing impaired

LEADERSHIP

IEEE/ACM EE Subcommittee Chair	2016
<ul style="list-style-type: none">• Spearheaded creation of field guide to electrical engineering at MIT• Organized electrical engineering research expo	
Camp Kesem at MIT, Marketing/PR Coordinator	2015-2016
<ul style="list-style-type: none">• create graphics, manage website, maintain active social media presence	
MIT SWE, Girl Scouts Outreach Chair	2015-2016
<ul style="list-style-type: none">• organized STEM outreach events for Cambridge/Boston-area girl scouts	
MIT Robotics Team, Vision/Community Relations Lead	2014
<ul style="list-style-type: none">• developed image processing algorithms to identify colored rocks in mock planetary environments and organized outreach events	