

Wei Low

weilow@mit.edu

weilow.me

EDUCATION

Massachusetts Institute of Technology (MIT)

Major: Electrical Engineering and Computer Science, Class of 2017

Relevant Coursework: Introduction to Algorithms, Artificial Intelligence, Aircraft Systems & Automation, Probabilistic Systems Analysis, Circuits and Electronics, Computation Structures, Electronics Fabrication

EXPERIENCE

Summer 2015 Visa, Inc., Full Stack Software Intern

- Designed web app for transaction data analytics and monitoring using D3.js
- Contributed to POC for migrating transaction record processing to open systems using Apache Kafka; improved LZW compression algorithm

Jan-May 2015 MIT Media Lab, Personal Robots Group Undergraduate Researcher

- Created integrated application to parse sensor data from Windows to ROS using Windows Kinect 2.0 sensor and SDK
- Developed behavioral algorithms for human-robot interaction demo

Summer 2014 Orbital ATK, Electrical Engineering Intern

- Designed electrical system layout for power distribution
- Authored significant portion of configuration description document
- Verified circuit schematics ranging 3-31pgs long

2013-2014 MIT Space Systems Lab, Zero Robotics Undergraduate Researcher

- Collaborated with game development team to create a programming competition in a simulated space environment
- Developed and improved game AI “standard players”
- Updated SPHERES satellite test plans by to be used on the ISS

PROJECTS

2015 Pluto cross-platform (iOS, Web) application that translates speech to emoticons; **“Most Innovative Idea”** Award at Meteor Hackathon

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

2015 SomeWear Android Wear watch app for exploring sights of interest in cities

2014 MIT Robotics Team developed image processing algorithms to identify colored rocks in mock planetary environments; **2nd Place** in NASA RASC-AL RoboOps Competition

SKILLS

Java, Python, Javascript (&D3.js), NodeJS, C/C++/C#, Android Studio, HTML/CSS
Robot Operating System (ROS), PCB design, circuit layout, soldering

LEADERSHIP/EXTRACURRICULARS

Undergraduate Student Advisory Group in EECS, Member (2014-present)

Association of Taiwanese Students, Publicity Chair (2015)

Society of Women Engineers, Girl Scouts Outreach Chair (2015)

Kappa Alpha Theta, Tech Deputy (2013)