

## EDUCATION

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### 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

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Programming: *Java, Python, Javascript (& Angular.js, D3.js), C/C++/C#, HTML/CSS*

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

## EXPERIENCE

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### 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 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

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

2014 **NASA RASC-AL RoboOps**, MIT Robotics Team (2<sup>nd</sup> Place)

- Developed image processing algorithms to identify colored rocks in a mock planetary environment

## LEADERSHIP/EXTRACURRICULARS

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**Undergraduate Student Advisory Group in EECS**, Member (2014-2015)

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