

**Flora Tan**  
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## EDUCATION

**Massachusetts Institute of Technology**, Cambridge, MA  
Class of 2016; Intended major: Computer Science & Electrical Engineering.

**Staten Island Technical High School (SITHS)**, Staten Island, NY  
Class of 2012; GPA: 103.69%. Honors and AP classes.

## EXPERIENCE

**MIT Media Lab**, UROP (Research)

*Present*; expected duration: Sept 2012 - Jan 2013 | Cambridge, Massachusetts

- Will be developing the help system for Scratch, a youth-targeted graphical programming language, in time for the launch of Scratch 2.0 in November 2012.

**TD Ameritrade**, Technology Intern

*June 2012 - August 2012* | Jersey City, New Jersey

- Worked with Disaster Recovery team to gain exposure to cloud technology & disaster recovery strategies.
- Shadowed a Project Manager; helped draft various project charters.
- Helped design an Android Mobile Application; gained exposure to mobile application development.

**Zero Robotics**, Programmer

*Aug 2011 - Jan 2012* | Greater New York City Area

A programming competition sponsored by NASA, the DARPA, and MIT.

- Founded and organized my high school's first Zero Robotics team. Learned C on the fly.
- Led team to the competition finals at MIT. Our team's software was run on SPHERES aboard the International Space Station.

**FIRST Robotics**, Programmer

*Sep 2010 - May 2012* | Greater New York City Area

- Programmed in C++ on my high school's FIRST robotics team.

## AWARDS

**17th Annual Michael J. Petrides Student Award for Excellence in Mathematics and Science**, Winner  
**NCWIT Award for Aspirations in Computing**, *National Runner-Up ('11)*; *NY Tri-State Affiliate Award Winner ('12)*,  
**Zero Robotics SPHERES Challenge 2011**, *National Finalist*; submitted program was simulated aboard the ISS  
**National Merit Scholarship 2012**, *Finalist, Winner*

## SKILLS

Experience in programming with C and C++; self taught in Python  
Proficiency with Microsoft Word, Excel, PowerPoint, Adobe Photoshop, AutoCAD  
Familiar with web development, HTML