

# Leonard Tsai

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## Objective

- To get an internship in the field of computer/electrical engineering in order to learn about real world applications of electronics and the work environment.

## Education

- **Georgia Institute of Technology**
  - Anticipated Graduation: May 2017
  - Bachelors in Computer Engineering
  - GPA: 3.88/4
- **Center for Advanced Studies at Wheeler High School**
  - Graduation: May 2013
  - GPA: 4.50/5 (Weighted)

## Experience

- Verizon Wireless Internship *Summer 2012*
  - Joined the IT Team at Verizon Wireless to work on their Audit Project.
  - Worked on organizing different company sub-organizations on the computer using Excel and Hyena.
- Robotics Intelligence Lab (GTRI) *Fall 2012*
  - Programmed swarm robots with MATLAB to perform a song on a virtual piano
  - Worked one on one with a graduate student on the swarm robotics project.
- Electronics Systems Lab (GTRI) *Summer 2013*
  - Worked with a team of other interns to rapidly prototype an RFID system.
  - Designed, built, and tested an equipment tracking system for the lab.
- Georgia Tech Teaching Assistant *Spring 2015*
  - Teaching assistant for Circuit Analysis (ECE 2040).
- Individual Projects *2009-Present*
  - Built a small computer that regulated Airsoft games at a local arena.
  - Created a robot that avoids objects using infrared sensors
  - Programmed a Space Shooter game in C# and XNA.

## Skills

- **Programming Languages**
  - C/C++, C#, Java, Matlab, MIPS Assembly, and HTML.
- **Application Software**
  - Visual Studio, MATLAB, Microsoft Office, Express PCB, Quartus II, and CadSoft EAGLE.
- **Hardware**
  - Soldering, Arduino Microcontroller, PICAXE Microcontroller, and PCB Fabrication.