

**Jonathan Pan**  
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**Objective:** To obtain a full time position in an area which can utilize my technical background and provide a challenging and exciting work environment.

**Education:** **Politecnico di Torino, Turin Italy** **09/09-09/10**

- Laurea Specialistica, Communications Engineering (expected May 2011)

**Georgia Institute of Technology, Atlanta, GA** **09/08-Present**

- Master of Science, Electrical Engineering (May 2010)
- Overall GPA – 3.77/4.00 (Highest Honors)

**Georgia Institute of Technology, Atlanta, GA** **01/06-05/08**

- Bachelor of Science, Electrical Engineering May, 2008
- Overall GPA – 3.93/4.00 (Highest Honors)
- Dean’s List, all semesters

**Courses:** **[Present]** Microwaves, Statistical Signal Processing

**[Past]** Intro to Computer Engineering, DSP, Random Signals, Circuit Analysis, Electromagnetics I and II, Microelectronic Circuits, Embedded Microcontrollers, Digital Design Lab, Applied Electromagnetics, Computational Electromagnetics, Acoustic Wave Theory and Devices, Microwave Engineering, Optoelectronic Systems, Information Theory, Advanced Classical Probability, Microwave Design Lab, Electromechanical Systems and Energy Conversion, Information Theory, Radio Frequency Issues in Wireless Communications, Operating Systems, Cryptography

**Skills:** **Hardware:** Familiar with building PCs, knowledge of components  
**Software:** Microsoft Office, PSpice, Multisim, HFSS, IE3D, ADS.  
**Language:** Spanish, Chinese (2 semesters)  
**Programming:** MATLAB, Java, HTML, C, Linux

**Experience:** **GTRI : Sensors and Electromagnetic Applications Lab (SEAL)** **Smyrna, GA**  
*Graduate Research Assistant* **05/09-08/09**  
Assisted senior researchers on projects in the area of radar systems.

**Georgia Institute of Technology** **Atlanta, GA**  
*Graduate Teaching Assistant* **09/08-5/09**  
Grading homework, providing review sessions, holding office hours for class specific questions and tutoring students in the ECE tutoring lab.

**Georgia Institute of Technology** **Atlanta, GA**  
*Undergraduate/Graduate Research Assistant* **01/08-08/09**  
Working closely with other graduate researchers on electromagnetic design projects. Previous work included work on printable RFID, including antenna design and optimization. Worked on design of coupled resonator bandpass filters on low loss substrates for high frequency applications (MMIC design project).

**Georgia Institute of Technology**

*College of Computing-Teaching Assistant*

**Atlanta, GA**

**08/06-05/08**

Responsible for teaching a 1.5 hr. weekly recitation on MATLAB (~25 students). Assist students with homework, grade homework, exams, proctor exams, design homework and exam problems, and responding to the questions/concerns from each of my students.

**Citizenship:** U.S. Citizen

**Honors:** HKN Honor Society, Member IEEE