

JOSHUA SELDIN

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Permanent Address

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Present Address

Phi Mu Delta
224 Pawling Avenue, Troy, NY 12180
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Sophomore

Objective: To obtain a co-op position or internship in the fields of Electrical Engineering or Electric Power Engineering.

Education: **Rensselaer Polytechnic Institute, Troy, NY** **May 2011**
Pursuing a B.S. in Electrical Engineering and Electric Power Engineering Dual Major
Current GPA: 2.90

Work Experience: **Triumph Instruments, Ft. Lauderdale FL** **June 2003-Presently Deactivated**
Electrical/Aeronautical Engineer

- Designed schematics for electrical test boxes
- Built and wired electrical test boxes based on schematic drawings
- Electrical test boxes used to test airplane parts fixed by technicians

LeadAmerica, Needham MA and Baltimore MD **June 2008 – August 2008**
Engineering and Robotics Laboratory Technician/ Team Leader

- Prepare all of the labs for other team leaders and groups to do
- Work with lego mindstorms
- Teach exceptional high schoolers engineering, robotics and leadership

Relevant Courses: **Introduction to Engineering Design** **Fall 2008**

- Designed and built a 30W amplifier circuit in order to design and construct a sound meter that I built from scratch.

Computer Components and Operations **Fall 2008**

- Learn about different types of gates and circuitry and theories

Laboratory Introduction to Embedded Control, RPI **Spring 2008**

- Construction of simple circuit boards
- Infusing the circuitry with C and C++ code to activate circuits

Introduction to Engineering Electronics, RPI **Fall 2007**

- Construction of simple circuit boards

Skills: **Hardware:** Basic and advanced circuit construction, C8051 microcontroller, oscilloscope, logic tester, multimeter, drill press (some machinery)
Software: Drawing Board, NX5, Microsoft Visual Studio, Matlab, Maple, Logicworks
Programming Languages: C++

Achievements: President of the Phi Mu Delta fraternity **January 2009 - Present**
Vice President of the Phi Mu Delta fraternity **January 2008 - December 2008**
RPI President's Award **2007**
Rensselaer Leadership Award **2007**