**Matthew Althar**

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**Education** *University of Florida, Gainesville, FL*

2011-present B.S. in Electrical Engineering (Expected Fall 2015).

GPA: 3.86/4.0

**Relevant Coursework**

 **Current:** Design 1, Digital Integrated Circuits, Controls, Radar

**Previous:** Microprocessors, Mixed Signal IC Test, Power Systems, Solid State Electronics

**Skills**

**Software:** Altium Designer,Cadence,C++, C, LTSPICE, MATLAB, Quartus, TestStand

 **Hardware:** CPLDs, Microprocessors, Lab Equipment

**Employment**

Current *University of Florida, Gainesville, FL –* Undergraduate Research

- Electronics for Electrodynamic Wireless Power Transfer

- Focus on voltage rectification/regulation and battery charging

Summer 2014 *Altera Corporation, San Jose, CA –* Applications Engineering Intern

- Tested leading-edge dev board EMIF IP performance and wrote accompanying documentation
- Created mock-ups for external web Support Pages using wireframe tools
- Responsible for mapping phase of Support content migration to new website
- Wrote MATLAB function(s) as an aid for transceiver signal integrity analysis

Summer 2012 *Intersil Corporation, Palm Bay, FL –* Tactical Marketing Intern

- Collaborated with colleagues to create and implement a searchable FAQ database for FAEs

- Created a customer profiling map electronically backed by years of sales reports

- Updated product specifications for High-Reliability products

Summer 2010 *Intersil Corporation, Palm Bay, FL –* Contractor

 - Searched product development databases for product life cycle information

 - Created spreadsheets with reorganized information to be used for product modeling

**Activities**

Spring 2015 Treasurer and Co-Founder of Power and Energy Club at University of Florida

2014 – 2015 President and Co-Founder of Gator Skateboarding Club at University of Florida

Spring 2013 Inducted Member and Signals & Systems Tutoring Chair for Eta Kappa Nu

2008-2012 Operation Christmas Child - collected shoeboxes with various items for impoverished children and prepared them for worldwide delivery.

**Awards**

2012 – 2014 Dean’s List at University of Florida

2012 Employee of the Month (November) at Stephen C. O’ Connell Center