Anthony Zaprzalka

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Objective Seeking an full time position in the electrical engineering field.

Education **University of Illinois at Chicago (UIC)**
Bachelor of Science in Electrical Engineering expected May 2016

Coursework Electronics II (IP), Principles of Automatic Control (IP), Image Analysis and Computer Vision (IP), Multimedia Systems (IP), Microprocessor-Based Design, Solid State Device Theory, Circuit Analysis, Discrete and Continuous Signal Systems

Personal Projects

App Development
Swift (Object-Oriented) on Github https://github.com/AZaps/Task-Quest-Swift.git
- Designed and created *Task Quest* (IP), a Role-Playing game style reminder app
- Uses Core Data, follows MVC, and animation usage

Hardware and software
Arduino and LED light strip
- Modified a RGB controller to work with an Arduino controller
- Using C to control the LED's and create dynamic background lighting

Experience **Palatine Public Works,** *Palatine, Illinois*
Summer Laborer   *May - August 2014*
- Forestry Division
- Tree removal and restoration
- Communicated with homeowners about current status

Palatine Township Food Pantry, *Palatine, Illinois*
Volunteer   *January 2009 - April 2012*
- Ensured shelving units are stocked with donated food
- Assisted customers with the correct selection of items
- Maintained a clean and organized workspace

Activities National Honor Society (NHS)
IEEE Student Member

Skills Swift, C#, C, Assembly, BASIC, MATLAB and Arduino micro controllers. Multisim and LTSpice circuit simulators. Oscilloscopes, multimeters, waveform generators, and voltage generators. Digital electronic circuitry design and construction. Working knowledge in Autodesk Inventor, Microsoft Office, Apple iWork, and German (5 years experience).

Interests Working and coding with iOS devices, repairing computers, building and creating things, astronomy, scientific theories and developments, NHRA, biking, discovering new music, gaming, and learning new concepts.