Seeking a full time electrical engineer position with an interest in pursuing engineering innovation and technology.

**Education**

University of Houston

Bachelors in Electrical Engineering with Honors

3.17 GPA, Graduating December 2016

**Professional Experience/Leadership**

**Electrical Engineering Intern, Jacobs Buildings and Infrastructure,** Fort Worth, Texas May - August, 2016

* Cultivated how to communicate and conduct oneself in a professional manner with engineers and architects
* Designed and performed calculations for lighting systems using Visual 2016
* Prepared drawings detailing designed systems using multiple Revit platforms and AutoCAD
* Calculated generator clearances and lightning protection system measurements
* Prepared ComChecks/ energy compliance calculations and forms for construction of buildings and infrastructure

**Team Leader, Electronics Project,** University of Houston February – April, 2015

* Proven background leading teams in stressful, deadline-orientated environments
* Excellent communication skills with an aptitude for building strong working relationships with team mates
* Expert in evaluating prototypes on bench-top, and conducting hands-on laboratory testing to provide analysis based feedback

**Social Chair, Society of Women Engineers,** University of HoustonJune 2015- June 2016

* Exercised management skills ranging from scope, budgeting, and scheduling developments
* Oversaw, to completion, seven events that measurably increased membership

**Technical Skills**

**Software/Languages:** Arduino, Mathematica, ANSI C with Microsoft Visual Studio, MATLAB, Verilog/HDL with FPGA board, CodeWarrior/HDL for microprocessors, AutoCAD, Revit, Visual, Civil3D Metric, ComCheck, SPICE **Testing Equipment:** Soldering, Oscilloscope, Ammeter/Voltmeter, Function Generator

**Hardware Components:** MOSFETs, Filters, Oscillators, Bipolar Junction Transistor, Diodes, Potentiometer, Inductor, Operational Amplifier, Switch, Digital Logic Gates, Transformer, Switchgear

**Awards**

* Finalist in Jacobs Annual Intern Presentation Competition July-August, 2016
* Externship Participant at ConocoPhillips March 2016
* 2nd Place Society of Women Engineers National Student Engineering Challenge October 2015
* Academic Excellence Scholarship August 2012- December 2014

**Summary of Qualifications**

* Familiarity with linear and nonlinear Control Theory in engineering
* Trained in Digital Signal Processing and Telecommunications
* Superior technical writing and research skills completed by pursuing Honors curriculum in engineering courses
* Familiarity with solving difficult, detail orientated engineering problems, while meeting commitments and staying on schedule, through the engineering design cycle
* Conceptualized understanding of advanced Transformer Circuits and Power analysis