

Sammantha Firestone

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EDUCATION

Wentworth Institute of Technology, Boston
Bachelor of Science in **Electrical Engineering**
GPA: 3.5 Dean's List – 4 semesters

Expected August 2017

Relevant Coursework:

Engineering Physics I/II, Intro to Engineering, Network Theory I/II, Electronic Design, Engineering Calculus I/II/III, Differential Equations, Engineering Chemistry, Digital Logic, Solid State Devices, Embedded Computer Systems, Electronics I/II, Signals and Systems, Electromagnetic Field Theory

SKILLS/ COMPETENCIES

Software: PSPICE, Labview, Multisim, MATLAB, AutoCAD, Solidworks, Wolfram Mathematica
Hardware: Lab Equipment such as HP power supplies, multimeters, oscilloscopes, etc.

Application: Windows 98/XP/Vista/7/8, Microsoft Outlook, Microsoft Office, Microsoft PowerPoint, Microsoft Excel, Microsoft Visio, Firefox, Chrome, IE, HP Quality Center, QlikView, Business Objects, SharePoint, Project Portfolio Management (PPM), Netsuite

Code: HTML, C, JavaScript, VHDL

TECHNICAL PROJECTS

8-Bit: 4-Functioning Calculator

Spring 2015

- Developed a 8-Bit four functioning calculator using VHDL code and block diagrams
- The calculator's input was binary whilst the output was digital; this output was shown on a LED display

The Little Spotted Kiwi Project

Spring 2014

- Designed and developed a product that would help preserve the Little Spotted Kiwi bird population by taking and saving photos of the birds over the weight requirement of 1.75lbs
- The device was a prototype that implemented a potentiometer, Arduino Uno, Matlab, and a laptop camera.

Minty Boost – IEEE Project

Fall 2013

- Created a Portable USB power (phone) charger using 2 AA batteries, an Altoids gum tin, and various capacitors and resistors

RELATED EXPERIENCE

QA Analyst – Standard Experience – Intern

May 2014 – Present

AIG – Americas IT – Property Casualty – Boston, MA

- Test and modify the new application Cover-All Policy as well as Cover-All Classic
- Worked on Summer Intern Project two consecutive years
 - Promoted to Project Manager of the Development Team for BCP Project Site; managed a team of four interns on development team to develop a Business Continuity Portal on SharePoint
 - Assigned on Testing Team for Project Portfolio Reporting System
 - Travelled to Charlotte, NC to present final products to Americas IT's head CIOs and president Tony Skipper
- Help answer and log help desk items for Cover-All system
- Experienced in rating ISO for Commercial Property, General Liability, and Commercial Auto

ADDITIONAL EXPERIENCE

Cashier

September 2015 – Present

Star Market – Fenway – Boston, MA

- Greet and ring-out customers for their groceries, stamps, Tomar, and Coinstar vouchers.

Sales Associate

April 2013 – May 2014

Radio Shack – Attleboro, MA

- Guide customers through technologies such as cell phones, batteries, electrical components, and more

INVOLVEMENT

IEEE – Member

September 2012 - Present

- Participated in HEX robotics competition two consecutive years

MSA (Multicultural Student Association)