

Samantha Firestone
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OBJECTIVE To obtain a co-op position in the electrical engineering field, specifically in communications or electronics

EDUCATION
Wentworth Institute of Technology, Boston
Bachelor of Science in **Electrical Engineering**, August 2017
GPA: 3.5 Dean's List – 4 semesters

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

QUALIFICATIONS
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 15
• Developed a 8-Bit calculator using VHDL code and block diagrams
• The calculator could perform addition, subtraction, multiplication, and division of real numbers
• 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 14
• 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 Fall 13
• Created a Portable USB power (phone) charger using 2 AA batteries, an Altoids gum tin, and various capacitors and resistors.

EXPERIENCE
QA Analyst – Standard Experience - Intern 05/14 – 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
 • Assigned Project Manager of the Development Team for BCP Project Site
 • Assigned on Testing Team for Project Portfolio Reporting System
• Help answer and log help desk items for Cover-All system
• Experienced in rating ISO for Commercial Property, General Liability, and Commercial Auto

Cashier 09/01 – Present
Star Market – Fenway – Boston, MA
• Greet and ring-out customers for their groceries, stamps, Tomar, and Coinstar vouchers.

Sales Associate 04/13 – 05/14
Radio Shack – Attleboro, MA
• Guide customers through technologies such as cell phones, batteries, electrical components, and more

INVOLVEMENT
IEEE
MSA (Multicultural Student Association)