

Victoria Weaver

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Objective

To obtain a cooperative education position or internship in the field of Computer Engineering or Computer Science for the summer of 2015.

Education

Rochester Institute of Technology

Fall 2013 - Present

Major/Minor: Computer Engineering/Mathematics

Expected Graduation: May 2017

GPA: 3.29

Relevant Courses:

- Circuits I with Lab
- Assembly Language with Lab
- Digital Systems Design I with Lab
- Computer Science II
- Software Engineering
- Graph Theory
- Codes and Ciphers

Experience

Rochester Institute of Technology- Rochester, NY

August 2014 - December 2014

Student Lab Instructor

<http://rit.edu>

Lab instructor, individual tutor, and grader of assignments for students enrolled in the introductory computer science course sequence.

Rochester Institute of Technology- Rochester, NY

June 2014 - August 2014

Student Developer

<http://rit.edu>

Worked on the development of a keyboard and screen reader compatible “drag and drop” programming environment based off of the Massachusetts Institute of Technology’s “Scratch” program. Aided in the development of Inclusive Exploring Computer Science curriculum for visually impaired students.

Technical Skills

Software: Java, Python, VHDL, L^AT_EX, Altera Quartus II, ModelSim, Assembly (ARM), ActionScript 3.0

Hardware: Soldering, Power Supplies, Multimeter

Personal Projects

<http://github.com/VictoriaWeaver>

LED Table

- LEDs connected in a grid with cover of diffused Plexiglass.
- Connected to Arduino Uno board and programmed to make various patterns/animations.

Encryption Algorithm Speeds

- Implementations of RSA and a symmetric key algorithm in Java.
- Comparison of RSA vs Symmetric Key algorithm speeds (runtime speeds).

Interests and Activities

CSH (Computer Science House)

<http://csh.rit.edu>

- Charity Project Vice President and Advisor
- Active member

Broomball (Intramural)- Team Captain