

OBJECTIVE	To obtain a cooperative education position in the field of Computer Engineering for the Summer of 2017.	
WORK EXPERIENCE	Critical Link LLC - Syracuse, NY Engineering Intern Currently aiding in the development of the Android Application for a bacteria scanning device. Android Studio is used to develop the application for Android 4.2. Components of the application contributed to include analysis of the test results of scanning the bacteria through the use of plots, the grouping of locations to be tested in order to improve organization and increase efficiency of testing, and the mapping of readings from the color sensor in the device to defined color samples. Parsons Government Services - Centreville, VA Personal Computer Support Tech Intern Worked on Java back end development in an Eclipse environment with a focus on fixing existing issues in a networking security application. Collaborated on the documentation of the installation of a service for the project on a clean virtual machine running Ubuntu. Tested and verified different components of the application and submitted defect tickets through JIRA. Collaborated in code reviews using Review Board. Rochester Institute of Technology - Rochester, NY Student Lab Instructor Lab instructor, individual tutor, and grader of assignments for students enrolled in the introductory computer science course sequence. Rochester Institute of Technology - Rochester, NY Student Developer 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.	May 2016 - Present http://criticallink.com/ Summer 2015 http://parsons.com/ Fall 2014 http://rit.edu/ Summer 2014 http://rit.edu/
EDUCATION	Rochester Institute of Technology - Rochester, NY Major: Computer Engineering, Minor: Mathematics Graduation: December 2017	August 2013 - Present GPA: 3.337
TECHNICAL SKILLS & CERTIFICATIONS	Software VHDL, L ^A T _E X, Java, C, ARM and MIPS Assembly, Python Hardware Soldering, Power Supplies, Multimeters, Oscilloscopes Tools Git, Xilinx, ModelSim, Android Studio, PSpice, Altera Quartus II Certifications Electrostatic Discharge Certification, 2016	
PERSONAL PROJECTS	http://github.com/VictoriaWeaver/ MIPS-VHDL: Implemented a portion of the MIPS assembly instruction set architecture in VHDL. Infrared Proximity Sensor: Employed the use of infrared LEDs for proximity sensing in conjunction with seven segment displays and a buzzer for visual and auditory feedback. LED Table: Constructed a programmable matrix of LEDs in a custom wooden case with a diffused Plexiglas cover to make various patterns and animations. Encryption Algorithm Speeds: Implemented RSA and a symmetric key algorithm in Java to compare the execution time of the algorithms.	
INTERESTS & ACTIVITIES	Computer Science House (CSH) Member: A Special Interest House at RIT that provides a unique living and learning environment with access to facilities and other resources to promote hands-on learning while still maintaining a social atmosphere. CSH Director of Evaluations (Spring 2016): Responsible for membership evaluations, requirements, and recruitment as well as serving as a liaison between CSH and RIT Residence Life.	