**Alexander Switzer**

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**Summary**

Full-time student looking for a position that will allow me to gain experiential knowledge in the field of systems engineering whilst working in an environment that will allow me to grow and expand experience whilst a member of a closely-knit team.

**Education**

Massachusetts College of Liberal Arts, North Adams, MA Sept. 2014 – May 2018

* Currently pursuing a B.S. in Computer Science with a dual concentration in Information Technology and Software Engineering.

High School of Arts and Technology, Manhattan, NY Sept 2009 – June 2014

**Technical Expertise**

* Virtualization: VMWare, Virtual Box
* Operating Systems: Windows, Linux, Mac OSX
* Programming Languages: Java, HTML, CSS, XML, JavaScript, jQuery, PHP, SQL, Shell, Python
* Development Tools: Atom, Sublime Text, Notepad++, Brackets, VIM, Eclipse, Text Pad
* Source Code Control: Github
* Software Applications: Microsoft Office Suite, Adobe Photoshop, Illustrator, GNS3, Wireshark

**Previous Experience**

**Help Desk Consultant** March 2014 - Ongoing

* Serving as a primary point of contact for student-related and occasional faculty IT issues.
* Performed initial troubleshooting for students, including software diagnosis, hardware diagnosis and post-diagnosis operations.

**Admissions Ambassador**  March 2015 - Ongoing

* Responsible for representing the institution during prospective student visitation programs including but not limited to Daily Tours, Open Houses and Accepted Student Days.

**Teach to Learn Mentor**  September 2014 - May 2015

* Helped teach science to second and fourth grade students at Sullivan and Brayton Elementary schools. Both are public schools within North Adams.
* Performed under a joint study by Williams College sponsored by the National Science Foundation to understand the impact of undergraduate teaching in order to learn and retain new information.

**Scholarships and Awards**

**STEM Pathways Scholar** September 2014

* Academic based scholarship provided by the National Science Foundation for students pursuing an undergraduate’s degree within any STEM field. One of six initial recipients.

**Extracurricular Activities**

**Teaching Assistant – Programming in Java II** January 2017 – Ongoing

* Tasked with helping students in group sessions and one-on-one sessions. The Teaching Assistant also hosts open code sessions dubbed “Code Clues” in order to foster camaraderie between computer science students as well as expose them to other students of different concentrations.

**Computer Society – Vice President** January 2017 - Ongoing

* The Computer Society actively works to put together events and talks in regards to topics within computing that students are interested in. It is also responsible for speaking with local businesses in order to find internship opportunities and public speakers to bring on campus for students.

**Student Activities Council – Vice President** September 2016 - Ongoing

* The Student Activities Council (SAC) is the primary programming body for student-ran events on Campus. The Vice President is in charge of public relations and social media management which includes Facebook, Instagram, Twitter and Snapchat. These are used to engage with the student body actively. The Vice president is also tasked with designing shirts, creating giveaways, making flyers, putting up posters and running meetings when the President is absent.

**STEM Academy Mentor** June 2016

* One of five other mentors, tasked with leading a class of 18 students through an intensive week-long summer program prior to their first semester at MCLA. Mentors lead students through labs from a variety of disciplines such as Psychology, Math and Physics. They were also tasked with participating in events during downtime in order to foster a sense of camaraderie within the class.

**Student Government Association – Class of 2018 Treasurer** October 2015 – September 2016

* The Student Government Association (SGA), through its clubs, organizations, and committees, offers the MCLA community a wide variety of activities and programs to fulfill educational goals. These student-managed organizations let you express yourself in a professional and social environment, both on campus and in the broader North Adams community.
* As a member of my Class Council and Treasurer of the Class of 2018, I am in charge of managing the budget and financing events for my graduating class.