**MAX POOLE**

**7902 Carroll Ave, Takoma Park, MD, 20912 | 240-393-5745** [**maxpool1@umbc.edu**](mailto:student@umbc.edu)

**EDUCATION**

**University of Maryland, Baltimore County (UMBC) Baltimore, MD**

BS in Computer Science; BS in Mathematics; BA in Economics GPA: 3.96Expected: May 2018

**SKILLS**

**Languages**: C++, C (MPI experience) Java, PHP, JavaScript (Node.js experience), Python (Django experience), Haskell

**TECHNICAL EXPERIENCE**

**Internal Tools Development at eBay June 2016 – Present**

Worked with the Global Platform Support team to design tools and system for internal support.

* Used Django to create a ticketing system for firewall access
* Used PHP and MySQL to extend and redesign the core support website
* Used node.js to extend Slackbots used to create and monitor JIRA tickets

**Data Visualization for PI2 Hardware with D3.js library Aug 2015 – May 2016**

Created data visualizations of gene ontology for use with PI2 visualization hardware in collaboration with 2 graduate students and computer science faculty

* Worked with D3.js, SQL, and JavaScript
* Partnered with computer science faculty member

**Python Scripting at SURF Program May 2015- Aug 2015**

Created python scripting program for use by scientists at the NIST Center for Neutron Research (NCNR); project is currently in use at the NCNR

* Used Python and Java with concurrent programming and interlanguage communication
* Design Junit tests to ensure correctness of code

**Liz Lerman Toolbox Dec 2014- May 2015**

Created plan of website that would serve as a “toolbox” of artistic and collaborative techniques

* Collaborated with a team of 5 undergraduates and head of the Imaging Research Center.
* Created a beta website for testing the effectiveness of our design
* Presented design to various classrooms and gathered feedback

**HONORS**

Sondheim Scholars Public Affairs Program Aug 2014 – May 2018

Honors College Aug 2014 – May 2018

President’s List Aug 2014 – Present

Newman Civic Fellows Award May 2016

**VOLUNTEER EXPERIENCE**

**Arbutus Achievers, Site Supervisor Aug 2014 - Present**

Leader of a tutoring and college readiness program for middle school students

* Recruits, interviews, and organizes nine volunteers per semester
* Lead students on trips to UMBC to learn about college opportunities
* Tutored students in mathematics, history, and Spanish.

**UMBC “March to College Day”, Lead Planner Apr 2016**

Planned and led day-long event to host 300 middle school students to UMBC for a tour of campus

* Worked with nearly 30 volunteers, along with middle school teachers and staff from UMBC Shriver Center
* Created various tours for volunteers to lead their students on