Megan McGee

15031 Taylors Mill Place Haymarket, VA 20169 | Cell (703) 986 8858 | mamcgee98@gmail.com

EDUCATION

Millersville University, Millersville PA

Bachelor of Science in Mathematics, December 15, 2019

Minors: Computer Science, Spanish

GPA: 3.44 / 4.0

TECHNICAL SKILLS

* Proficient in Microsoft Word, Microsoft Excel, basic website design and development, and programming in Java, C++, LaTeX, and Mathematica
* Familiar with programming in HTML, MATLAB, Fortran, and ArcGIS

RESEARCH

* Millersville Departmental Honors Thesis Fall 2019

Title: “Demographic analysis of nesting bald eagles in New Jersey using mathematical models.”

Advisor: Dr. Baoling Ma

* Arizona State University [AM]^2 REU Summer 2019

Project title: “Reconstruction of stratospheric ozone dynamics with MPAS and a high resolution transport model on a rotated sphere.”

Advisor: Dr. Mohamed Moustaoui

PRESENTATIONS

* Millersville University & Franklin and Marshall College: Joint Colloquium Fall 2019
* PASSHE Student Stem Conference
* EPaDel Conference

PROFESSIONAL EXPERIENCE

Millersville Math Assistance Center, Millersville, PA

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| Tutor | Fall 2018 – Present |

* Answered questions rooted in basic math, through advanced calculus, both in an online environment, and in person
* Increased understanding of difficult mathematical concepts both individually and in group settings to complete assignments
* Coached students in studying habits and testing strategies by offering several proven techniques

MEMBERSHIPS

* Association for Women in Mathematics 2018 – Present
* Mathematical Association of America 2018 – Present
* The National Society of Leadership and Success 2017 – Present
* Millersville University Campus Recreation Leadership Skills Program 2017 – Present
* National Society of Collegiate Scholars 2016 – Present
* The American Meteorological Society - Millersville Student Chapter 2016 – 2017