**Joseph V. Mohr**

josephvmohr@gmail.com | 920-530-8894

2297 Cedar Lane | Brussels, WI 54204

**Objective:**

To gain experience with machine learning, both in application and research

**Education:**

**St. Norbert College at De Pere, WI** **Fall 2015 – Spring 2019**

BS in Computer Science; BS in Mathematics; both expected

Major GPAs: 4.0/4.0; 4.0/4.0 Cumulative GPA: 3.94/4.0

French Language Certificate; expected

**Experience:**

Computer Science Teaching Assistant – St. Norbert College **09/2017 – Present**

* Sit in on a lab helping students with questions about assignment and concepts
* Hold weekly office hours to assistant students with concepts and questions
* Grade labs and occasionally administer exams
* Rarely step-in to teach a class

Mathematics Teaching Assistant – St. Norbert College **09/2017 – Present**

* Assist students with homework problems and understanding concepts
* Work with other teaching assistants to solve problems

Mathematics Summer Research – St. Norbert College **Summer 2017**

* 6 week research with another student under a professor
* Explored nondimensionalization and similarity of mass-spring, pendulum, and circuit systems to learn about the damping ratio
* Used Mathematica to generate graphs of systems
* Crafted a presentation which partner presented at the 2017 PME conference in Chicago
* Give a presentation on-campus for PME conference

**Relevant Skills:**

Proficient in: Python (Anaconda), C++

Previous experience with: Java, R, PHP, JavaScript, C

Environments: Visual Studio 2010/2017, Spyder, RStudio, Jupyter Notebook, Android Studio

Other Software: Mathematica, Microsoft Office

French – Conversational Level

Knowledge of Machine Learning models

**Professional Development/ Honors/ Activities:**

Dean’s List – 7 semesters

Pi Mu Epsilon – Mathematics Honors Society (Spring 2017)

Phi Kappa Phi – All-Discipline Honors Society (Spring 2018)

TRIPS – Alternate break volunteer program (Break Away) (2016-2019)

**Relevant Classes:**

Advanced Data & File Structures, Programming Languages, Event Programming, Calc 1-3, Linear Algebra