**EDUCATION**

**M.S.** in **Applied Statistics**, 2018, Villanova University

* Overall GPA: 3.74
* Awarded a full-time Graduate Assistantship

**B.S.** in **Mathematics**, 2016, Ursinus College

* Minors: Statistics, Computer Science, and Finance
* Overall GPA: 3.55 (*cum laude* honors; Dean’s List- 5 semesters; graduated in 7 semesters)

**RELEVANT COURSEWORK**

Graduate

* Statistical Methods, Statistical Theory, Operations Research, Regression Methods, Longitudinal Data Analysis, Linear Models, Sampling Methods, Categorical Data Analysis, Data Mining & Predictive Analytics

Undergraduate

* Computational Statistics (SAS), Linear Algebra, Differential Equations and Mathematical Models, Object-Oriented Design, Data Structures and Algorithms, Database Design

**COMPUTER SKILLS**

* Statistical Languages: **SAS** (proficient), **R** (basic/proficient), **SPSS** (basic/proficient)
* Programming Languages: **Java** (basic/proficient), **C++** (basic), **SQL** (basic), **Visual Basic** (basic)
* Tools: **Hyperion** (advanced), **Qlik** (basic), **Tableau** (basic), **SAS Enterprise Miner** (basic), MySQL
* Certifications: **SAS** Certified Predictive Modeler Using SAS Enterprise Miner 14
* Advanced in Microsoft **Excel**. Proficient in Microsoft **Word**, **PowerPoint**, **Outlook**, and **Access**

**RELEVANT EXPERIENCE**

PMA Companies October 2018 to present

*Business Analytics and Metrics Specialist*

* Build, maintain, and run analytics reports and dashboards for presentations, clients, internal use, and state reporting, using **Hyperion** and **Excel**
* Interpret data to find drivers that tell a story, locate errors within databases and reports, and improve internal data management practices
* Develop stewardship reports to give annual updates on the health of our client’s accounts
* Completed training in **Qlik** to develop data visualization dashboards
* Helped with the data onboarding process for the company’s largest client

Spectra Pension Associates, Inc. Seasonally from 2014 to October 2018

*Pension Administrator*

* Reconciled brokerage statements for retirement plan accounts
* Data entry and analysis on retirement plan document software, **Excel**, and **Access**

iMarket Research September 2017 to May 2018

*Statistical Consultant*

* Prepped data for choice modeling, correspondence analysis, and other analyses, using **Excel** and **SPSS**
* Created an **Excel** tutorial for new employees
* Prepared statistical results for presentations to clients, using **PowerPoint**

Villanova University Fall 2016 to May 2018

*Graduate Assistant*

* Assisted Dr. Michael Posner with educational research in the field of statistics for the Center for Statistics Education, using statistical methods, as well as the statistical programming languages **SAS** and **R**
* Graded for various undergraduate courses and tutored in the Math Learning Resource Center

Additional Experience: Computer Science Teaching Assistant at Ursinus College, Assistant Cross Country/ Track and Field Coach at Holy Ghost Preparatory School

**AWARDS / MEMBERSHIPS**

* **Awarded** a full-time Graduate Assistantship at Villanova University
* **Member** of cross country, indoor and outdoor track teams at Ursinus College
* **Captain** of the cross country, indoor and outdoor track teams at Holy Ghost Preparatory School