Ryan A. Walsh

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OBJECTIVE

College senior seeking a career in the field of *Applied Mathematics and Statistics in* which I can work to benefit my employer by continuing to refine and to apply the skills I have learned throughout my time at Bryant university.

EDUCATION

Bryant University, Smithfield, Rhode Island   **September 2020 - Expected Graduation December 2023**

- Major in Applied Mathematics and Statistics | Concentration in Actuarial Mathematics | Minor in Information Systems and Analytics.

Milford High School, Milford MA   **September 2016 - June 2020**

Relevant Courses

- Actuarial statistics 1-3 (Exam P), Mathematical Interest Theory (Exam FM), Stochastic Calculus (Exam IFM), Advanced Probability (Exam LTAM), IDEA program, GFOB/GFCL, ISA201/221/345(excel, python, HTML/CSS respectively), Reserving and Ratemaking mathematics.
- SAS Data Mining Certified as of 4/27/23

WORK HISTORY

Automobile Insurance Plan Service Office (AIPSO), Johnston RI   **March 2023 – Present**

- Actuarial Intern with a strong passion for data analysis and risk assessment working to fulfill roles on both a data quality team and a ratemaking team. Adept at leveraging advanced Excel and VBA skills to support a dynamic ratemaking team in evaluating and optimizing insurance pricing models. Proven ability to work collaboratively, solve complex problems, and communicate technical findings effectively.
- Worked on projects including data quality reviews for 38 states, rate indications for 4 states, rate implementation project for 22/47 states for overall manuals and 15/26 PPNF rates, testing scenarios, and premium present rate calculations.

American Karate and Fitness, Milford MA   **March 2014- April 2023**

- Sensei (Instructor/Black Belt) leading students of all capabilities in applying the teachings of Ed Parker's American Kenpo Karate. Worked on interpersonal development and aiding to elevate & guide students in both their Dojo education toward new belt levels, but also maintained a focus on their development outside the Dojo.
- Key capabilities: Communication Skills, Leadership and Empathy.

Restaurant Experience

- Wanokura, Milford MA   **September 2017–December 2021**
- Franklin Country Club, Franklin MA   **May 2020 - August 2020**
- Dinner and Company, Bellingham   **May 2020-January 2022**

SIGNIFICANT PROJECTS

Python   Created a deep learning python program able to detect handwritten data with high accuracy.   **Fall 2022**

Datafest   Analyzed and presented American Bar Association data on internet-based pro bono work using R.   **April 2023**

MySQL   Developed a MySQL database for analytics of a dataset containing ~75 variables and 800 observations.   **Fall 2022**

Reserving Lead reserving actuary for a mock insurance company overseen by multiple Bryant faculty. During this **May 2023**
time, I took on roles including declaring and justifying reserving methodology and creating a write up
and power point to help supplement my justifications.

INTERPERSONAL SKILLS

Personable	Engaging	Think-outside-of-the-box	Problem-Solver	Diplomatic

COMPUTER SKILLS

Microsoft Office, Google Docs, Excel, VBA, Stata, SAS Miner/Studio, R, Python, SQL.