

# Paul Nassif

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## EDUCATION

### Syracuse University

*MS Applied Data Science*

GPA: 3.84

**Syracuse, NY**

*Expected May 2023*

### University of Rochester

*BA Financial Economics; Minors in Biology and Business*

**Rochester, NY**

*May 2019*

## WORK EXPERIENCE

### Liberty Mutual Insurance

*Graduate Product Analytics Intern*

**Boston, MA**

June 2022 – August 2022

- Developed parallelized bootstrapping tool in Python for GLM Modeling of 15 unique models
- Coordinated with key stakeholders in Engineering, Product, Legal, and Partnerships teams to ensure all requirements were met for use across various teams in different capacities
- Generated statistical reports and visualizations on GLM results for use in model analysis and state filing justifications
- Project reduced bimonthly modeling time by 329%

### Hiscox USA

*Business Analyst*

**Atlanta, GA**

September 2019 – August 2021

- Developed seasonality forecasting model for partner GWP, resulting in 32% improvement in budget accuracy YOY
- Created Tableau dashboard for analyzing partner performance across various groupings (size, region, product, integration type) to determine areas of partner improvement (i.e. Q/B ratio, Average Bind Premium) and assist in loss ratio analysis
- Analyzed current partner UAT process and identified areas of inefficiencies to reduce hours spent during testing phase. Implemented recommendations resulted in reduction of 12 hours per partner integration
- Developed multiple ad hoc automation tools using VBA to reduce manual processes across various teams within DPD, reducing 20+ hours per month spent on commonly repeated tasks
- Conducted market research for Hispanic partner initiative, focusing improving customer segmentation within Hispanic small business market. Research and outreach led to partnerships with 4 Hispanic small business specialist insurers

### Highmark BlueCross BlueShield of Western New York

*Financial Analyst Intern*

**Buffalo, NY**

May 2018 – August 2018

- Developed VBA macros to standardize and automate corporate fee schedule updates and create summaries to share with other departments and management, utilizing Tableau to develop visuals of projected impacts when modeling changes
- Created custom SQL queries to pull medical claims data in a consistent manner for use in updating models
- Performed updates to modeling process and improved model logic to more accurately reflect medical trends
- Project reduced time required for corporate fee schedule updates by 84%

## LEADERSHIP & PROJECT MANAGEMENT EXPERIENCE

### Hiscox USA

*Graduate Mentor*

**Atlanta, GA**

September 2020 – August 2021

- Acted as a mentor to a new hire on the Hiscox graduate scheme meeting biweekly to help settle in to the new work environment, establish connections with various employees and members of leadership throughout the business, and assist with any questions they may have in regards to job function or life at Hiscox.

*Associate Board Member, Generation Hiscox*

December 2019 – August 2021

- Spearheaded the development of the Hiscox Mentorship Podcast, interviewing various employees who have served in both mentor and mentee roles aiming to bridge the generational gap within the business

## LANGUAGES, SKILLS, VOLUNTEER WORK & INTERESTS

**Technical Skills:** SQL, VBA, Python, R, STATA, Google Analytics, Tableau, Excel, JIRA, Docker, Git

**Machine Learning:** Random Forest, Regression, Naïve Bayes, Clustering, SVM, Text Mining, NLP, GLMs, Spark

**Volunteer Work:** 19<sup>th</sup> Ward Spelling Bee Tutor, Syrian Refugee Language Tutor, Strong Memorial Hospital ER

**Interests:** Greek Mythology, Bodybuilding, Data Visualization, Exercise Physiology Research, Lebanese Cooking