

# Angela L. Petrone

apetrone11235@gmail.com

+1(484) 995-1614

**Skills:** R ★ PowerBI ★ L<sup>A</sup>T<sub>E</sub>X ★ Git ★ SQL ★ Bitbucket

## Work Experience

### Verisk Analytics

Manager - Product Analytics and Client Support

*Boston, MA | June 2021 - Present*

- Manage and support junior analysts to scope and execute complex projects for casualty (re)insurers and brokers.
- Lead team of developers to automate end-to-end data cleansing process by refactoring code from R to Python and building API and database architecture.
- Communicate complex modeling concepts to technical and non-technical audiences.
- Collaborate with research, software development, and modeling teams to prioritize, scope, and implement product enhancements based on client feedback and market demands.

### Risk Consultant - Casualty Analytics

*Boston, MA | October 2019 - June 2021*

- Used cloud-based statistical model (Arium) to perform predictive risk analyses for casualty (re)insurers and brokers.
- Developed methodology and wrote R code to calculate frequencies and generate stochastic losses for liability events.
- Cleaned and enhanced large client datasets using R and SQL to make them fit for modeling.
- Created data visualizations in PowerBI to explain model outputs to internal and external stakeholders.

### CNA Financial

Contract Surety Underwriter

*Boston, MA | November 2017 - October 2019*

- Analyzed and ensured the profitability of an \$800M portfolio of construction business.
- Evaluated the financial strength of large contractors to determine which projects they could pursue.
- Communicated with stakeholders throughout the company to make informed underwriting recommendations to senior management and influence risk assessment strategy.

### Medical Malpractice Underwriter

*Boston, MA | June 2015 - November 2017*

- Independently managed outpatient medical malpractice business throughout New England and Upstate New York.
- Developed relationships with key insurance agents and successfully increased local revenues by \$1M.
- Maintained a rigorous travel schedule to understand diverse client needs and uphold a high standard of customer service.

### Independence Blue Cross

Summer Intern

*Philadelphia, PA | Summer 2012, 2013, and 2014*

- Spearheaded a project aimed at adapting consumer engagement during the implementation of the Affordable Care Act by managing a team of 16 interns, delegating and prioritizing tasks, and ensuring timely completion.
- Developed an understanding of local, state, and federal health policy issues and created political reports for the Chairman, CEO, other senior executives, and lawmakers in Harrisburg, PA and Washington, D.C.
- Programmed an interactive checklist for hiring managers in Excel using Microsoft Visual Basic that outlined the onboarding process and automatically generated calendar updates for each step.

## Volunteerism

### Insurance Industry Charitable Foundation

Chairman, Associate Board

*Boston, MA | January 2020 - Present*

Oversee volunteer initiatives, ensure financial success of fundraising events, and act as the primary liaison between regional insurance leaders and the board.

### Boston College, May 2015

Bachelor of Arts in Economics, Honors Program

*Minor in Mathematics*

**Thesis:** The Effect of Increased Access to Healthcare on Migrant Health Status in China