

EDUCATION

- **University of Massachusetts** *Amherst, MA*
• *Bachelor of Science in Mathematics*
- **Boston Latin School** *Boston, MA*

ACTUARIAL EXAMS

- Probability
- Financial Math
- Investment and Financial Markets
- Statistics for Risk Modeling
- Predictive Analytics
- Short-Term Actuarial Math
- Long-Term Actuarial Math
- FAP Modules *in progress*

TECHNICAL SKILLS

- **Programing** R, Python, Java, C, SQL, GGY Axis
- **Developer Tools** Git, Unix, API, Jupyter, Anaconda, RStudio
- **Libraries** pandas, matplotlib, numpy, sklearn, beautifulsoup, selenium, json, ggplot2, dyplr, tidyr, caret

EXPERIENCE

- **Actuarial Analyst** *April 2020 - Present*
- **Assistant Actuarial Analyst** *July 2019 - April 2020*
Sun Life Financial *Wellesley, MA*
 - **Second Rotation - Portfolio Management** *Aug 2021 - Present*
 - New position details
 - **First Rotation - Individual Life Valuation & Product Management** *Jun 2019 - Aug 2021*
 - Primary analyst for a new participating life block. Responsibilities included valuation, capital testing, and dividend management.
 - Collaborated with external admin/dev team to create product enhancements and resolve existing issues.
 - Supported the NAIC appointed actuary during the Annual Opinion and Memorandum. This involved updating and reviewing business narratives and adequacy testing results. Business included many products, legal entities, and complex reinsurance structures.
 - Communicated with auditors and completed exhibits/requests for both Canadian and US regulatory bodies.
- **Actuarial Intern** *June 2018 - August 2018*
Sun Life Financial *Wellesley, MA*
- **Analytics & Insights Intern** *December 2017 - January 2018*
Digital Lumens *Boston, MA*