

Ryan P. Hillmer

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EDUCATION:

Boston College – Morrissey College of Arts and Sciences

Chestnut Hill, MA

B.S. in Computer Science with Math Minor

Graduation Expected May 2025

- Cumulative GPA: 3.7/4.0
- Relevant Coursework: Algorithms, Data Management, Deep Learning, Linear Algebra, Probability
- Awards and Honors: Deans List, First Honors, Endowed Scholar
- Clubs and Societies: Computer Science Society, Arrupe International Excursions, BC Bigs, Intramural Sports

WORK EXPERIENCE:

MFS Investment Management

Boston, MA

Quant Research Associate Intern

June 2024 – August 2024

- Automated data pipeline using FactSet, Python, Excel, and SQL to generate daily Tableau reports for SMA and ETF portfolios, tracking growth, turnover, risk, similarity, and other metrics for over \$8 million in assets
- Utilized Axion API to create Tableau report displaying time series of suggested trades accounting for turnover and risk
- Participated in bi-weekly research meetings to present and discuss weekly model analysis and optimization strategies

Boston College Computer Science Department

Chestnut Hill, MA

Teaching Assistant, Data Science Methods & Computer Science I

September 2023 – Present

- Support instruction on data organization, statistical modeling, and machine learning, focusing on ethical data science
- Lead weekly discussion section for 20 students, teaching problem-solving techniques using Python 3 and Pandas
- Evaluate weekly assignments for students, analyzing code readability, functionality, and efficiency
- Host weekly office hours to tutor 50+ students on course concepts

UBS Financial Services

Rockland, MA

Winter Private Wealth Management Intern

November 2023 – January 2024

- Participated in weekly development series with wealth management, hedge fund professionals and angel investors
- Researched and presented detailed analysis on telehealth companies, cryptocurrency, and individual stock pitches with a buy/sell recommendation based on company data and financial ratio analysis

Flipside Crypto

Boston, MA

Freelance Data Analyst

January 2022 – December 2022

- Designed 40+ dashboards analyzing transaction volume, success rates, and unique user activity in the crypto ecosystem
- Organized blockchain data of tokens, coins, and Non-Fungible Tokens using SQL Snowflake software
- Solved analytical challenges through structured bounty programs using a free, open data platform

OTHER EXPERIENCE:

University Chorale of Boston College

Chestnut Hill, MA

Baritone Singer

September 2021 – Present

- Practice several times a week and perform in local and international concerts throughout academic year

Big Brothers Big Sisters of Eastern Massachusetts

Chestnut Hill, MA

Mentor Volunteer

December 2023 – Present

- Serve as mentor for a child, forming a relationship based on positive communication and trust

Hale Reservation

Westwood, MA

Supervisor/Water Safety Instructor

Summers 2019, 2020, 2021

- Supervised five junior lifeguards and wrote weekly performance evaluations
- Taught swim lessons to a diverse population, including swimmers with autism and Boston's underserved youth

SKILLS AND INTERESTS:

- Programming Languages: Python, SQL (MySQL, Oracle, Microsoft SQL Server), R, Java, C, Verilog, HTML
- Data & Analytical Tools: Tableau, Excel, Pandas, PyTorch, Scikit-learn, NumPy, Matplotlib, Shiny, FactSet
- Interests: Writing, French Horn, Basketball, Soccer, Landscaping, Skiing, Green Bay Packers