

William Hayden

haydenw@bc.edu | 11819 Wayland Street, Oakton VA | 571.341.0650 | Github: @haydenwbc

EDUCATION

Boston College, Carroll School of Management

Chestnut Hill, MA

GPA: 3.42

Bachelor of Science in Management, Concentration in Information Systems, Co-Concentration in Business

Analytics, Minor in Computer Science

May 2025

The University of Hong Kong, Faculty of Business and Economics

Hong Kong, China

Spring 2024 Exchange Program

EXPERIENCE

Metrum AI

Austin, TX

Software Engineering Intern

June 2024—Jan 2025

- Developed and optimized software solutions using Python, leveraging machine learning, DevOps practices, and interface design to enhance product functionality and user experience.
- Supported startup business operations by drafting comprehensive software documentation, conducting research on AI benchmarking methodologies, and assisting in project scoping.
- Partnered with a distributed team of 10+ engineers across multiple time zones and engaged directly with Fortune 500 clients to deliver tailored technical solutions.
- Authored 300+ unit tests for the Metrum Insights product, achieving robust code coverage and ensuring high-quality, reliable software performance.
- Collaborated with the CTO on systems design for KYAI, contributing to architectural planning and the integration of cutting-edge AI benchmarking techniques.

Boston College Computer Science Department

Boston MA

Teachers Assistant, Computer Networks

August 2024—December 2024

- Facilitated student success in a semester-long Computer Networks course by grading assignments and providing constructive feedback to ensure comprehension of key concepts.
- Instructed students in foundational and advanced topics, including Java programming, Linux + CLI, HTTP, UDP, TCP protocols, and virtual machine configuration, fostering practical technical skills.
- Hosted weekly office hours to support students with coursework, troubleshoot technical challenges, and reinforce understanding of networking principles, enhancing learning outcomes.
- Strengthened student proficiency in network design and implementation by guiding hands-on application of industry-standard tools and protocols.

Private Computer Science Tutor

Boston, MA

Self-Employed

September 2023—Present

- Delivered personalized instruction to students in Coding for Business and Computer Science 1, focusing on foundational Python programming and core computer science concepts
- Designed and provided tailored study guides, practice problems, and hands-on exercises, enabling students with no prior experience to master skills such as GUI development, API integration, and functional programming.
- Supported student success by breaking down complex topics into accessible lessons, resulting in a 100% pass rate among clients across multiple semesters.

ACTIVITIES

Boston College Barbell Club

President and Co-Founder

Fall 2022 — Present

Commonwealth Collective (Boston College DJ Club)

Events Chair

Fall 2023 — Present

USAPL (USA Powerlifting)

Athlete

February 2021 — Present

SKILLS & INTERESTS

Technical: Microsoft Office Suite, Java, C/C++, Linux/Unix, Swift, Python, SQL, R/RStudio, Business Analytics, Tableau, Agile, Probability and Statistics, Machine Learning, Operations Management, Finance and Accounting

Interests: Fantasy and science fiction novels, Powerlifting, House music, Photography, Philosophy