

Aidan O'Neill

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SKILLS AND KNOWLEDGE

Programming: Python, R, C, Java, SQL, HTML, CSS, JavaScript, React

Other Technical Skills: Excel, Git, PyCharm

EDUCATION

Boston College, Chestnut Hill, MA

MAY 2025

Bachelor of Science in Management, Concentration in Info Systems, Double Major in Computer Science

GPA: 4.0/4.0, Dean's List

Coursework: Algorithms, Computer Systems, Computer Networks, Programming in R, Logic and Computation, Managing Digital Innovation, Italian Conversation I

EXPERIENCE

Boston College, Chestnut Hill, MA - *Research Assistant*

JANUARY 2024 – AUGUST 2024

- Investigate how skills associated with innovative technology diffuse throughout online marketplaces.
- Script in R libraries to query/scrape skill release, licensing, and development information.

Boston College, Chestnut Hill, MA - *Computer Science I Teaching Assistant*

AUGUST 2023 - MAY 2024

- Moderate discussion groups to further explore course content in Python data structures.
- Analyze, grade, and provide feedback on student assignments using automated programs.

Agri Segretum, Collazzone, IT - *Intern*

MAY 2023 - JULY 2023

- Reviewed the development and growth of grape vines in response to unusual weather and new pesticides.
- Pruned in the vineyard, took care of animals, and sealed and packaged wine bottles.
- Developed Italian vocabulary and accent through conversation and self-study.

The Beacon Group: Strategy Consulting, Portland, ME - *Intern*

JUNE 2022 – AUGUST 2022

- Assisted in client research and business development utilizing CRM technology.
- Pitched presentations on recruiting strategy and outreach through social media.
- Helped establish a new database through tidying, file transfer, and testing/debugging.

LEADERSHIP EXPERIENCES

Boston College Computer Science Society, *Treasurer*

SEPTEMBER 2023 – PRESENT

- Formulate budget for annual hackathon, general meetings, and other educational events.
- Manage purchasing history and expenditures, forecast costs, and club card reconciliation.
- Negotiate budgeting needs between members and college offices.

Boston College Trading Card Game Club, *President*

APRIL 2022 – PRESENT

- Founded the club by drafting constitution and amendments and presenting to student government.
- Build community through organizing weekly meetings to discuss, collect, and play with cards.
- Strategize and allocate funding for events, food, and transportation.

SELECTED PROJECT

Investigative Analysis: Relationship between Nationality and Billboard Rank

FALL 2023

- Combined data from international Billboard charts with Spotify's API, enhanced with details from the Musicbrainz API
- Confirmed a significant correlation between American artists on international charts, underscoring the global influence of American music (Project Link: <https://github.com/oneillgq>).
- Generated heatmaps, charts, and tables using R packages such as stargazer, ggplot2, and gt.

INTERESTS:

Italian, Magic: The Gathering, Poetry, Music Production, Machine Learning, Generative AI