

Dylan Black

Boston, MA | (908) 300-2592 | dylan.black2021@gmail.com | dylanblack.info

Education

Northeastern University, Boston, MA

Candidate for Bachelor of Science in History and Economics, Graduation Expected May 2025

Minors in Data Science and Mathematics

GPA: 3.97 / 4.0

Relevant Coursework: Discrete Structures, Fundamentals of Computer Science 1 and 2, Object Oriented Design, Principles of Information Science, Historical Research and Writing, Probability and Statistics, Macroeconomic Theory, Microeconomic Theory, Introduction to Data Science and Machine Learning, Applied Econometrics, Machine Learning and Data Mining 1, Calculus 1 and 2, Linear Algebra

Activities: *Treasurer:* West Coast Swing Club, *Associate Editor:* Northeastern Historical Review, *Contributor:* EconPress, Northeastern Historical Association, Hillel, Economics Club, Unicycling Club

Professional Experience

Perkins School for the Blind

Watertown, MA

Research and Data Analyst Co-Op, Howe Innovation Center

Jan 2023 – June 2023

- Curated and managed a database of over 700 companies and over 800 investors in the DisabilityTech market for ongoing research
- Analyzed, visualized, and interpreted patterns within market data using Python and statistical methods to make insights on market size, location, funding, and sectors
- Coordinated and wrote all market research published by the Innovation Center, including collaboration with McKinsey on cornerstone market-defining whitepaper
- Designed and implemented a comprehensive research framework, resulting in a streamlined and efficient research process.

iD Tech Camps

College Park, MD

Overnight Instructor

June 2022 – Aug 2022

- Mentored between 8 and 10 students in various programming classes on a weekly basis
- Taught topics such as Minecraft Modding with Java, Cryptocurrencies and Blockchain, Artificial Intelligence and Machine Learning, Java Programming, and JavaScript Programming
- Oversaw and managed individualized final projects for each course

Fiveable

Remote

Experience Data Analyst

Dec 2021 – June 2022

- Analyzed experience data using Amplitude and Google Analytics for over 20,000 users to drive product-focused decisions
- Implemented Amplitude data tracking in Fiveable codebase for tracking user interaction and log in statistics

Learning Project Coordinator

June 2021 – Dec 2021

- Led research on CMS platforms for a company-wide content migration, collaborating directly with executive leadership and content teams
- Developed content taxonomies and oversaw the writing of over 1000 new content pieces
- Performed SEO keyword research and organized processes for the eventual creation of over 1000 pieces of new content

Web Development Intern

June 2020 – Sept 2020

- Developed reusable front-end React components such as tab menus and upcoming event cards for a Fiveable redesign along with a search results page, slides page, and content pages
- Assisted in site-wide migration to Next.js and took part in company wide and team wide meetings to discuss large-scale Fiveable features
- Worked in an agile environment with daily standups and weekly sprint planning

Skills

Programming Languages / Tools: R (Tidyverse), Python (Pandas, Matplotlib, Numpy), Jupyter Notebooks, Microsoft Excel, SQL, SQLite, GraphQL, Tableau, XML, XPath, XSL, HTML, CSS + Sass, JavaScript, React, Redux, React-Spring, Node.js, npm, Storybook.js, Firebase / Firestore, Next.js, Material-UI, MongoDB, Express, Racket, Java, JUnit, LucidCharts (UML), WordPress, Google Cloud Platform, Google BigQuery, Flask, Highcharts