

Dylan Black

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

Education

Northeastern University, Boston, MA

Bachelor of Science in Economics and History, Graduation May 2025

Minors in Data Science, Mathematics, and Computational Social Sciences

GPA: 3.97 / 4.0

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

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

London School of Economics, London, UK

Attended July – August 2023

GPA: 4.0 / 4.0

Relevant Coursework: Introduction to Data Science and Machine Learning, Economic History

Professional Experience

Perkins School for the Blind

Watertown, MA

Research and Data Analyst Co-Op, Howe Innovation Center

Jan 2023 – Present

- Designed a database of 1200+ companies and 900+ investors in the DisabilityTech market, automated data collection using the Crunchbase API and Python scripting
- Analyzed, visualized, interpreted, and reported patterns within market data using Python and statistical methods to make insights on market size, location, funding, and sectors
- Coordinated all market research published by the Innovation Center, including collaboration with McKinsey on a cornerstone whitepaper as the Innovation Center's first full-time researcher
- Built interactive and accessible web-based visualizations of geographic data, companies founded over time, and categorizations of DisabilityTech products

iD Tech Cams

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

Fiveable

Remote

Experience Data Analyst

Dec 2021 – June 2022

- Analyzed and reported experience data using Amplitude and Google Analytics for over 20,000 users to drive product-focused decisions, such as a global analysis of student retention at certain times
- Implemented Amplitude data tracking in Fiveable codebase for tracking user interaction and log in statistics

Learning Project Coordinator

June 2021 – Dec 2021

- Led market research on CMS platforms for a company-wide content migration
- Performed SEO keyword research and developed content taxonomies for the eventual creation of over 1000 pieces of new content

Web Development Intern

June 2020 – Sept 2020

- Developed reusable front-end React components for a Fiveable redesign along with search results pages, slides pages, 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, functioning in an agile environment with daily standups

Skills

Programming Languages / Tools: Python, Pandas, Matplotlib, Numpy, Plotly, Jupyter Notebooks, R (Tidyverse), Microsoft Excel, SQL, SQLite, Google Cloud Platform, Google BigQuery, Flask, Highcharts, 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