

Elliot Harris

Brookline, MA 02446 • elliotmharris@gmail.com • 617-308-4860 • <https://eharris733.github.io/Elliot-Harris/>

Education

Bard College Annandale-On-Hudson, NY
B.A in Computer Science, GPA 3.97 May 2024
Thesis: GERALD: The creation and fine tuning of a research chess engine using genetic algorithms
Relevant Coursework: Machine Learning, Algorithms, Statistics, Calculus 2, Linear Algebra

Experience

John Hancock Boston, MA
Data Engineer June 2024 – Current

- Pioneered Modern Data Pipelines in Azure Databricks, migrating four legacy databases into the cloud
- Investigated data quality and governance for 37 data sources, resulting in 60% more coverage and documentation
- Developed custom internal Python scripts for parsing XML and Cobol formats into Delta Live Tables
- Collaborated cross-functionally to deliver innovative generative AI prototypes for sentiment analysis, real-time call-center coaching, and presented findings to multiple boards of executives and colleagues

Institute For New England Native American Studies Boston, MA
Freelance Video Game Developer February 2020 – Current

- Designed and Developed an original video based on a Karuk tribe creation story in Unity Game Engine
- Integrated Native American artists' work, language re-acquisition recordings, music, and illustration into a multimedia format using 100 C# scripts

ID Tech Camps MIT Cambridge, MA
Lead Instructor April 2023 – August 2023

- Delivered Python, JavaScript, and app development instruction to 80+ students aged 12–17
- Supervised a team of instructors, providing mentorship on technical teaching methods and classroom management, earning a 5/5 instructor knowledge rating.
- Served as backup Health Director, implementing responsible health practices to ensure a safe environment with zero serious health incidents

Readlee Cambridge, MA
Junior Software Engineer May 2020 – August 2021

- Developed dynamic front and back-end installations from scratch with Flutter and React frameworks
- Collaborated in a startup developer team to produce production code efficiently for over 10,000 users
- Structured and planned designs in Figma software, and executed them within one to two-week sprints.

Leadership and Awards

Leadership: Statistics for Computing Tutor (Fall 2023), College Varsity Basketball Captain (2019 - 2024), Chess Club President (2021 - 2024), Data Science Competition Captain (October 2024)
Awards: MIT Hackathon Education Track Winner 2023, Bard Scholar-Athlete Award 2023, Division III Academic All-District Team 2023-24

Technical Skills & Certifications

Programming & Development: Python, C#, Java, C++, C, Flask, Unity Game Engine, Flutter, Dart, Valgrind
Data, AI, & Cloud Technologies: Databricks, PySpark, PySpark SQL, Azure Data Studio, Azure Synapse, Power BI, SQL Server, MongoDB, Firebase, NumPy, PyTorch, SciKit Learn, Pandas
Certifications: Azure Data Fundamentals (DP-900), Azure Fundamentals (AZ-900), Databricks Lakehouse Fundamentals