

Michael Stewart

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EDUCATION

Brandeis University, Waltham, MA

Expected Graduation May 2025

Intended Degrees: B.S. in Computer Science, B.A. in Economics, Minor in Mathematics

SKILLS STATEMENT

- Programming Languages: Python, Java, JavaScript, NodeJS, HTML/CSS, R, Assembly, SQL, Bash
- Frameworks/Tools: Flask, React, ExpressJS, Azure, Vue, DevOps, Agile
- Systems/ Applications: Linux, Windows, Kubernetes, Docker, PostgreSQL, MongoDB, SpringBoot, TensorFlow, ScikitLearn

RELEVANT COURSEWORK

Computer Science: Computer Security, Web Application Development, Human-Computer Interaction, Machine Learning

Economics: Money and Banking, International Macroeconomics and Finance, Economics of Development

RELEVANT WORK EXPERIENCE

MITRE, McLean, VA

May 2023 - Present

Software Engineering Intern

Created software capabilities for data analysis. Worked with Amazon AWS servers to allow access and analysis of data. Wrote several Python and Java Scripts using many libraries. Assisted in deploying Kubernetes Cluster and applications to run on cluster. Used Spring Boot and Vue to create full stack websites.

PROJECTS (Github Link: <https://github.com/MichaelStewart3252?tab=repositories>)

Machine Learning Script | Python, Seaborn, Optuna, Scikit-Learn.

- Submitted to Kaggle Competition on machine learning.

Concurrent Shell | Java.

- Developed a fully functional concurrent shell that runs in a terminal in Java.

Academic Website | NodeJS, CSS, HTML, MongoDB.

- Developed a full stack website with MongoDB stored authentication, different user levels and many other features.

ACADEMIC AND AVOCATIONAL ACTIVITIES

2024 - 2025	Brandeis University Club Basketball Team
2023 - Present	Auto Mechanic, V-8 Engine Swap
2022 - Present	Member, Sigma Alpha Mu, Gamma Chi Chapter
2022 - 2023	President of Sigma Alpha Mu, Gamma Chi Chapter
2022 - 2023	Teacher's Assistant, Computer Security and Introduction to Python
2022	Recipient, Guller Young Scholarship, Gamma Chi Chapter
2021 - 2023	Brandeis Water Polo Team
2021 - 2024	Brandeis University Concert Orchestra
2005 - Present	Violinist (curricular and with regional performing arts company)