

John Buergler

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Permanent Address: 232 Adelphi St, Brooklyn, NY, 11205

Education

Northeastern University - Boston, MA

September 2020-Present

Khoury College of Computer Science:

Candidate for Combined B.S. in Data Science and Mathematics

Cumulative GPA: 3.8/4.0

Expected Graduation: May 2024

Awards: Awarded Dean's List for all previous semesters

Relevant Courses: Fundamentals of Computer Science 1 & 2, Discrete Structures, Linear Algebra, Object-Oriented Design, Calculus 2 & 3, Number Theory, Probability and Statistics, Foundations of Data Science, Differential Equations

Student Activities:

- **Tastemakers Magazine** - Published content writer for campus magazine.
- **Green Line Records** - Member of recording team for school record label.

Tenaflly High School - Tenaflly, NJ

September 2016-June 2020

GPA: 3.96/4.00 (Weighted)

Programming Projects (Code can be provided upon request)

Diversify Your Taste (Work in Progress) - Personal

- A music recommendation engine that uses how the user's taste has changed over time to determine what new music they may enjoy exploring next.
- Written in Python.

Easy Animator Program - Northeastern University

- Programmed animator program in Java to study object oriented programming
- Utilized the Model, View, Controller design pattern.
- Used text instructions to render an animation with Java swing tools. Could take in a speed and a readable file to render the instructions. Also was able to output animation to SVG format.

Machine Learning Game Recommendation System- Northeastern University

- Developed a game recommendation system for Steam.
- Used machine learning to build the recommendation engine, specifically a clustering approach.
- Used pandas dataframes, scikit, numpy, and other data analysis tools in jupyter notebook.

Work Experience

HCL America, Remote - *Software Engineering Co-op*

September 2022-Present

- Working with the HCL SoFy team to offer deployment of applications in Kubernetes sandboxes.
- Developing a data analytics system to help make front-end decisions based on usage.
- Tasked with design implementation, data visualization, and bug fixes in an agile environment.

Wagamama, New York, NY - *Server*

May 2021-August 2021

- Covered a high volume of tables, strengthening multitasking ability and prioritization
- Ran food, bussing tables, and seated customers, improving attention to detail and efficiency.
- Collaborated with team members and took lead when necessary with a pooled tip system.

Skills and Hobbies

Programming - Java, Python (Pandas, Seaborn, Matplotlib etc.), Go, Docker, Helm, Kubernetes, Machine Learning, SQL, IntelliJ, Eclipse, Github, Jupyter Notebook

Other Skills - Microsoft Office, Differential Equations, Statistics, Calculus

Hobbies - Music Production, Songwriting, Skateboarding, Chess, Amateur Poker