

Zack Eisbach

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(203) 707-7395 | Boston, MA | Availability: May 2023 - August 2023

EDUCATION

Northeastern University, Boston, MA Sept. 2022 - Present

Khoury College of Computer Sciences | Honors Program | GPA: 4.00

Candidate for Bachelor of Science in Computer Science and Mathematics, 2026

Courses: Accelerated Fundamentals of Computer Science | Discrete Structures | Linear Algebra | Logic and Computation | Probability and Statistics

Activities: Math Club: Social Media Coordinator | Concert Band | Oasis | Pep Band

Cheshire High School, Cheshire, CT

Aug. 2018 - June 2022

Honors: GPA: 4.826 (Top 1%) | SAT: 1590 | Superintendent's Award | NSMC
National Merit Finalist | Bausch + Lomb Honorary Science Award |
Science National Honor Society | Brown University Book Award

Activities: Marching Ram Band: Section Leader / e-Board Representative /
CMEA Regional Band / Connecticut Association of Schools Arts Award
Greater New Haven Math League | Science Bowl | Student Community
Outreach Program for Education (SCOPE) | Student Senate

Courses: AP Computer Science A | AP Calculus BC | AP Statistics | AP Biology |
AP Chemistry | AP Psychology | AP Language and Composition | AP
Music Theory | AP U.S. Government and Politics | AP U.S. History

Dual Enrollment

MIT OpenCourseWare (OCW)

Jan. 2020 - Aug. 2020

Courses: Introduction to Computer Science and Programming in Python |
Introduction to Computational Thinking and Data Science |
Mathematics for Computer Science

Stanford Pre-Collegiate University-Level Online (ULO) Math & Physics

June 2020 - Aug. 2021

Courses: Multivariable Differential Calculus, Multivariable Integral Calculus

University of Connecticut Early College Experience (ECE)

Aug. 2021 - June 2022

Courses: General Physics with Calculus, Seminar in Writing through Literature

TECHNICAL KNOWLEDGE

Languages: Java, Racket, Python, JavaScript, HTML/CSS, React

Tools: LaTeX, Git, Microsoft Excel, Terminal, VSCode

Personal Projects: CV Creator (React, Bootstrap), Battleship Game (JavaScript, Webpack),
To-Do Tracker, Book Record, Etch-a-Sketch, Wordle Clone, Tic-Tac-Toe

EXPERIENCE

Research Assistant at the University of Connecticut, Storrs, CT

June 2021 - Oct. 2021

- Developed and tested a converter tool using Python that processes outputs of **RANGER-DTL** and transforms them into the **RecPhyloXML** format, now referenced in a textbook
- Attended weekly lab meetings headed by Dr. Mukul Bansal to present findings and learn about the work of other members of the **Computational Biology Research Group**
- Acquired knowledge about phylogenetic reconciliation and graph theory

Tutor, Cheshire, CT

Sept. 2020 - June 2022

- Assisted high school students with math and science reasoning through VolunTEEN Tutors4Kids
- Served as secretary and founding member of the Student Community Outreach Program for Education (SCOPE) tutoring club, tracking service hours and documenting club meetings

Sales Associate at Marshalls, Cheshire, CT

Jan. 2022 - Aug. 2022

- Resolved customer complaints, aided customers with checkout process, sold store credit cards
- Stocked and organized shelves throughout all departments, answered merchandise questions