

Ethan Sam

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Education

Hunter College Bachelor of Arts in Computer Science Minor: Mathematics GPA: 3.8	New York, NY May 2021
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Relevant Coursework

- Calculus with Analytical Geometry I & II
- Discrete Mathematics
- Computer Architecture I & II
- Software Analysis and Design I, II, & III

Technical Summary

Computer Languages: C++ (2 Years), JavaScript(<1 year), HTML/CSS (<1 year)

Software: Git Bash, Microsoft Office, G++, Cygwin, Visual Studio Code

Operating Systems: Linux (Ubuntu (Mint), Microsoft Windows (8, 10.8))

Projects

Maze Solver, School Project (C++) - Completed <ul style="list-style-type: none">• A simple maze solving program using stacks that reads a from a text file and returns a solution to the maze	November 2018
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Experience

CUNY Hunter College Math and Computer Science Tutor	New York, NY August 2018-Present
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- Facilitated in teaching students to interpret theorems and solve problems.
- Conducted individualized tutoring
- Coordinated intensive boot camps to prepare students for upcoming mathematics courses

NYU STEM Digital Electrical Engineering Program Electrical Engineer	New York, NY June – August 2017
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- Completed NYU's competitive six-week electrical engineering summer program
- Completed several projects involving circuits, creating clocks, and working with Raspberry Pi motherboards to create practical applications
- Worked in a team and created the design for the group's final project, which involved using Arduino to coordinate the movement of a small drone

Brooklyn College Bridges to Computing Program Web Designer	New York, NY June – August 2016
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- Completed Brooklyn College's six-week bootcamp for HTML/CSS
- Worked in a team to build a website displaying statistics for popular majors in the CUNY system