

Ethan Sam

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Education

Hunter College	New York, NY
<ul style="list-style-type: none">Bachelor of Arts in Computer Science Minor: Mathematics GPA: 3.83Dean's List	May 2021

Relevant Coursework

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

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

DNA/Enzyme Parser, School Project (C++) - Completed	March 2019
<ul style="list-style-type: none">Utilizes an AVL Tree to parse enzymes and recognition sequences from the Restriction Enzyme Database: http://rebase.neb.com	
Maze Solver, School Project (C++) - Completed	November 2018
<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	

Experience

CUNY Hunter College	New York, NY
Math and Computer Science Tutor	August 2018-Present
<ul style="list-style-type: none">Facilitated in teaching students to interpret theorems and solve problems.Conducted individualized tutoringCoordinated intensive boot camps to prepare students for upcoming mathematics courses	
NYU STEM Digital Electrical Engineering Program	New York, NY
Electrical Engineer	June – August 2017
<ul style="list-style-type: none">Completed NYU's competitive six-week electrical engineering summer programCompleted several projects involving circuits, creating clocks, and working with Raspberry Pi motherboards to create practical applicationsWorked 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	New York, NY
Web Designer	June – August 2016
<ul style="list-style-type: none">Completed Brooklyn College's six-week bootcamp for HTML/CSSWorked in a team to build a website displaying statistics for popular majors in the CUNY system	