

# Ethan Sam

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## Education

### Hunter College

New York, NY

August 2017 – May 2021

- Bachelor of Arts in Computer Science | Minor: Mathematics | GPA: 3.72
- Dean's List

## Relevant Coursework

- Data Structures and Algorithms, I, II, & III, Discrete Mathematics, Calculus with Analytical Geometry I & II, Computer Architecture I & II, Computer Theory, Statistics

## Technical Summary

**Technologies:** Microsoft Office (Word, Excel, PowerPoint), Visual Studio Code, Git Bash, Cygwin

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

**Languages:** C++ (2 years), Python (<1 year), JavaScript(<1year), HTML/CSS (<1year)

## Projects

### Autobiographical Website, Personal Project (HTML5/CSS3)

September 2019 – Present

- Modified the format of an existing HTML5/CSS3 template to display biographical content

### 2D - Game Engine – RPG, Personal Project (C++)

June 2019 – Present

- Used SDL Subsystems to render images and sprites to create a basic role-playing game

### Spellchecker, School Project (C++)

March – April 2019

- Utilized the hash table data structure to parse a plaintext file for misspelled words

## Experience

### CUNY Hunter College

New York, NY

Undergraduate Teaching Assistant

August 2018 – Present

- Utilized leadership and problem-solving skills to facilitate the learning of C++
- Routinely assists students in debugging and refactoring code to enable the submission of projects in advance of a given deadline

Mathematics Tutor

August 2018 – November 2018

- Managed the schedules of four Calculus I students and improving their average test scores by 10%
- Used Blackboard to calculate test scores of 70 -100 students

Information Technology Support Technician

August 2018 – February 2018

- Restored service to 15 computers in multiple computer labs within a one-month period
- Troubleshoot network connectivity issues between computers and Smart Boards

### Herschel Supply Company - Pop Up Store

New York, NY

Technology Consultant

August 2019 – Present

- Troubleshoots POS systems to enable transactions to be completed
- Routinely monitors audio/visual systems, customer profile database, and installs hardware for store location

Sales Representative

July 2019 – September 2019

- Provided customer-tailored services resulting in a 24% individual profit growth, beating the average by 11% since store opening

### MUJI Fifth Avenue

New York, NY

Sales Representative

July 2018 – January 2019

- Worked with supervisor to create custom product spans, boosting departmental profits by 9% from a historically stagnant growth