

# Dawa Sonam

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## EDUCATION

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**CUNY Hunter College** *BA Computer Science | minor: Mathematics*

New York, NY

### Relevant Coursework:

*Expected Graduation: Dec 2023*

Algorithms and Data Structures, Data Science, Database Management, Computer Architecture

## TECHNICAL SKILLS

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**Programming:** C++, Python, Swift, SQL

**Technologies:** Git/Github, MySQL

**Operating Systems:** Windows, macOS, Linux

## PROJECTS

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### Read and Tell (Swift) (Won 3rd place out of more than 50 teams in CodePath's National Demo Day)

- Uses the NY-Times API to display book where the user can rate and leave a review, as well as add books to their collection.

### Garage, Vehicle Management System (C++)

- A system to manage different kinds of vehicles in a virtual garage database.

### Maze (C++| course project)

- Simulation of a maze where the user tries to get out of the maze.

### Parstagram (Swift)

- Clone of Instagram

### Due-Dates Calendar(Python)

- Used BeautifulSoup to scrape my course websites and generated csv of due dates, and converted that to ics.

### Calculator (C++|course project)

- Evaluates and subtracts Polynomial

### Flixter iOS (Swift)

- Updates the new and upcoming movies in theaters along with their release dates and full description of the movie.

## EXPERIENCE

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### Tech Fellow at CodePath IOS Development Program

Jan 2023-May 2023

- Looking forward to becoming a tech fellow. As a tech fellow, I will lead an iOS Development program with about 30 students at Hunter College with 2 other tech fellows.

### After-School Tutor

March 2020 - May 2021

- Tutored a High School student mathematics throughout the pandemic and helped her achieve 710 on the math section of SAT.

### Red Cross Head Volunteer

September 2018 - March 2020

- Helped organize our members' profiles by updating their service hours and certifications on Volunteer Connection Website.
- Lead a team of 10-15 volunteers regularly on site to set up free smoke alarms throughout NYC as a part of Home Fire Campaign to provide a safe home for the people.

### Externship at New York Eye and Ear Infirmary of Mount Sinai

December 2017 - June 2019

- Rotated throughout different departments such as Public Relations, HR, In-Patient, PACU, Eye Clinic, etc. to assist/shadow nurses as a part of CMAA program.