

Methila Deb

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EDUCATION

City University of New York, Hunter College

Expected May 2024

Bachelors of Arts in Computer Science

GPA: 3.49

- **Relevant Coursework:** Computer Architectures, Software Analysis and Design, Discrete Structures, Computer Theory, Operating Systems, Symbolic Logic, Practical Web Development

SKILLS

Programming Languages: C++ , C, Python, HTML, CSS

Applications/Tools: Visual Studio Code, MS Office

Languages: Bengali (Fluent)

PROJECTS

[Personal Website](#) | Tech Stack: HTML, CSS

August 2023

- Used HTML to structure the content of the webpage, defining the layouts, headings, paragraphs, links, and images.
- Used CSS to define the colors, fonts, spacing, positioning, and other visual aspects of the webpage

[SudokuSolver](#) | Tech Stack: C++

April 2023

- Wrote code that reads a sudoku puzzle from a file and finds a solution, if it exists
- Utilized recursion to explore the possible combinations of numbers for each empty cell
- Employed backtracking when attempting different numbers and checking if the numbers are valid

[YGOCard](#) | Tech Stack: C++

March 2023

- Achieved a program that makes use of doubly linked lists and sorting algorithms to sort cards in both ascending and descending orders

[Library](#) | Tech Stack: C++

March 2023

- Implemented code that exhibits the ability to efficiently read input from a CSV file and skillfully manages the storage of pointers to dynamically created objects of Book class, categorized as Novel, Manual, or Textbook
- Demonstrated adept utilization of Object-Oriented Programming (OOP) concepts, encompassing inheritance, templates, Abstract Data Types (ADTs), and polymorphism

RELEVANT EXPERIENCE

CUNY Tech Prep

New

York, NY

Data Science Fellow

July 2023 - Present

- Chosen to participate in a highly competitive data science fellowship among students from various CUNY colleges, where fellows develop technical projects using diverse platforms

SUPPORTING EXPERIENCE

CUNY Tutor Corps

New York, NY

Algebra Tutor

May 2023 - Present

- Tutor 25+ high schoolers in Algebra 1 3x/week, providing personalized instruction and support to help them understand and excel in the subject
- Utilize effective communication and interpersonal skills to establish a positive and supportive learning environment

Dunkin Donuts

New York, NY

Crew Member

May 2021 - September 2021

- Provided excellent customer service by greeting customers and meeting quality expectations
- Ensured cleanliness and sanitation of the food preparation area, equipment, and utensils
- Worked collaboratively with teammates and received coaching from management

Safe Medical Care

New York, NY

Filer and Scheduler

July 2017 - January 2018

- Maintained physical and computer-based filing systems
- Examined, categorized, and sorted hundreds of incoming documents on a daily basis

Holy Apostles Soup Kitchen

New York, NY

Volunteer

July 2017 - March 2020

- Collaborated with 30+ volunteers in distributing meals to 1k+ daily homeless teens to elderly people
- Coordinated daily setup of volunteer space for 1k+ senior citizens to receive their food and care packages