

Tahmina A Munni

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EDUCATION

CUNY Hunter College, **Major:** Computer Science **Minor:** Mathematics
GOVT. Women College, Sylhet, **Major:** English | August 2018

GPA: 3.80 | Intended Graduation: May 2023

AWARDS / SCHOLARS

Hunter College Academic Excellence Award (2021), Dean's List (2022, 2023), Project Basta Scholar (2022 – 2023)

SKILLS

Technical Skills: C++, HTML, CSS, Bootstrap, JavaScript, React.js, Node.js, PostgreSQL, Python, AWS (Amazon Web Services), Java, Unix, GitHub
Relevant Coursework: Algorithms, Data Structures, Software Analysis and Design, Cloud Computing, Intro to API, Intro to Cyber Risk, Web Development, OOP (Object Oriented Programming) in C++, Databases, Operating Systems, Computer Architecture and Assembly, Discrete Structures

RELEVANT EXPERIENCE

NYC Department of Transportation - Project Management & Data Science Intern New York | Aug. 2022 – Jan. 2023

- Built a React Dashboard using leaflet.js to display NYC open data set for City bike racks that can help the bike users to report an issue to DOT
- Created 5 new SQL queries to analyze trends spanning across 10 years of data within the Traffic Report database system records
- Pair programmed with an intern to develop a script to auto-convert GEOJSON files to CSV using Python (Pandas)
- Extracted and stored Weekend Traffic Advisory report data in CSV using Python's BeautifulSoup library

CUNY Tech Prep - Software Development Fellow New York | May 2022 – May 2023

- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployments such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test-driven development, and CI/CD

EverUp/Cuny Micro-Credential Program - Software Engineer Fellow New York | May 2022 – Aug. 2022

- Immersed in 100+ hours in an intensive program where students are guided to acquire solid fundamentals in HTML, CSS, JavaScript, Python, Bootstrap, Cloud Computing, and SQL/PostgreSQL
- Created an interactive website consisting of a wireframe structure with a navigation bar, forms, and animation to images using the skills and Technology gained through the program

Cornell Tech - Artificial Intelligence/Machine learning & Data Science Research Fellow New York | Apr. 2022 – Aug. 2022

- Immersed in 162+ hours to achieve skills in the fastest growing areas of tech: Data Science, Machine Learning & artificial Intelligence
- Analyzed The World Happiness Report (WHR) 2018 dataset to research relationships among a set of key social and economic indicators
- Analyzed, visualized data, and performed statistical analysis on large-scale data sets utilizing Python libraries: NumPy, Pandas, Matplotlib, Seaborn in Jupyter Notebook/Google Collaboratory

CodePath.org - Mobile Development New York | Feb. 2021 – Apr. 2021

- Implemented product design, prototyping and building mobile application using Java & Android Studio under the guidance of Google engineer
- Engineered Flash Card mobile application that included 10+ custom animations and a flashcard database with a user-friendly interface
- Collaborated with 3 students to devise an organizational mobile application catered to people with ADHD

SUPPORTING EXPERIENCE

Direct Healthsource. INC - Medical Billing Specialist New York | Jan. 2018 – May 2023

- Accurately completed professional electronic billing for over 500+ clients into 8 different insurances (in CMS-1500 Forms, UB-04 Forms, 837 file format) every week. Resolved all billing errors and applied appropriate ICD-9, CPT-4, and HCPCS codes and improved revenue over 38%

Direct Healthsource. INC - Payroll Specialist New York | July 2020 – Jan. 2023

- Supervised all aspects of the \$12 million annual payroll for as many as 1000 commissioned, hourly, and salaried employees on a weekly, bi-weekly, and monthly basis. Operated tax liabilities and reduced payroll-related expenses by 20% because of the comprehensive analysis of the payment system

PROJECTS

SaveACan [Github](#) | Apr. 2023

- Built a web application using HTML, CSS, JavaScript, React, Redux, Node.js, Express, firebase and ML (Machine Learning) to help the NYC public dispose of their recycling while making money. This innovative app would take a photo as input and using machine learning will determine if the item is recyclable and point to a location on a map where that item can be recycled for money

SpinAndLearn [Github](#) | Aug. 2022

- Built a full-Stack web application that offers a Table Tennis program to NYC schools by using React, Bootstrap, JavaScript, SQL, PG Admin, and Postman. It will allow school leaders to browse through the web application and fill out the interest form. They can choose for what amount of time and which session and package they want the table tennis program

CunyFirstClone [Github](#) | May 2022

- Built a full-stack CRUD application using HTML, CSS, JavaScript, React, Redux, Node.js, Express, and PostgreSQL. It is a clone of the 'CUNY First' application which is a University Student and Class management platform

FlashcardApp [Github](#) | Mar. 2021

- Used Java, CSS, and HTML in Android Studio code platform to build out a flashcard app, where the user can create and display multiple-choice questions and build in logic to show the answer when the card is tapped. Users can edit or delete and create multiple cards and browse through all created cards

BankOfReact [Github](#) | Apr. 2022

- Built a front-end application in React using Restful API that simulates a banking website that displays different web page views at contrasting times. It has features such as login, user profile, and debit and credit menu functionality for the user