

NORM MILLER

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SUMMARY

Aspiring Computer Network Engineer who is results-driven, resourceful, with strong analytical, and problem-solving skills. Ability to be flexible and quickly adapt to change to meet customer requirements. Demonstrates interpersonal and collaboration skills required in a team environment.

EDUCATION

New York City College of Technology, City University of New York (CUNY)

Bachelor of Science in Data Science | GPA: 3.70

Brooklyn, NY

Expected May 2026

Relevant Coursework:

Database Fundamentals	Information & Data Management I	Programming Fundamentals	
Computer Systems	Problem Solving with Computer Programming	Data Mining	Non-SQL
Web Programming	Oriented Object Programming-Java	Data Structures	

SKILLS

Operating Systems: Windows 8, 10 & 11, Mac OS, Linux, Android

Software: Microsoft Office Suite, Visio, Outlook, Familiarity with Windows Server 2008

Hardware: Work Station Deployment, Operating System Installation

Languages: Java, JavaScript, PHP, Python, HTML

PROJECTS

CUNY NYC College of Technology, Department of Computer Systems Technology

Brooklyn, NY

NYC Transit Ridership: Subways vs. Buses

02/2023-05/2023

- Used Google Collaboratory (Python) to predict and showcase daily subway and bus ridership.
- Analyzed MTA datasets to construct pie and line charts demonstrating ridership results.

CUNY NYC College of Technology, Department of Computer Systems Technology

Brooklyn, NY

December 2020 Weather Patterns vs CitiBike Ridership

09/2023-12/2023

- Utilized Python libraries (Pandas, Matplotlib) in Google Collaboratory to analyze and visualize the impact of weather on CitiBike ridership.
- Applied machine learning models to forecast ridership and presented findings at the 2024 Experimental Learning Symposium.

CUNY NYC College of Technology, Department of Computer Systems Technology

Brooklyn, NY

Restaurant and Gym Membership Website Project

09/2023-12/2023

- Designed and developed interactive restaurant and gym websites using HTML and JavaScript.
- Implemented user-friendly interfaces with validated forms and dynamic elements like image sliders.

CUNY NYC College of Technology, Department of Computer Systems Technology

Brooklyn, NY

2024 Experimental Learning Symposium

03/2024

- Presented the December 2020 Weather Patterns vs. CitiBike Ridership project, showcasing data analysis and machine learning applications.
- Demonstrated proficiency in Python, Pandas, and Matplotlib for ridership forecasting based on historical weather data.

CUNY NYC College of Technology, Department of Computer Systems Technology

Brooklyn, NY

- Customer Segmentation for an Online Retail Company
- Conducted customer segmentation on over 3 million grocery orders using Python and Google Collaboratory.
- Applied various clustering and machine learning models (K-Means, Random Forest) to identify customer segments and predict reorders.

CUNY NYC College of Technology, Department of Computer Systems Technology

Brooklyn, NY

2025 Spring Semester Honors Scholars Program

02/2025-05/2025

- Designed and implemented "Poetic Codes," a project fusing poetry analysis with computational techniques using Python.
- Utilized NLP tools for sentiment analysis and topic modeling, culminating in a panel presentation of original poetry and computational findings.

RELEVANT EXPERIENCE

Tech Talent Pipeline Residency, City Tech CUNY

Software Developer Resident

New York, NY

Jun 2025 – Aug 2025

- Participated in an intensive web development residency bridging academic coursework with hands-on experience and working collaboratively on projects to master fullstack development such as creating a website, interactive web designs with frontend/backend/application programming interface (API), and an application demo that helps people track their nutrients intake.

OTHER EXPERIENCE

CUNY NYC College of Technology, Department of Computer Systems Technology

Student Ambassador for the Academic Honors Ceremony & Commencement

Brooklyn, NY

05/2024-06/2024

- Managed comprehensive event logistics, including setup, breakdown, guest check-in, distribution of materials, and crowd control.
- Provided direct support to attendees and graduates, offering guidance, assisting with regalia, and facilitating stage transitions and diploma distribution for over 1,000 students.

Alliance of South Asian American Labor

Organizer/Intern

Jamaica, NY

07/2017- 08/2017

- Led a team of 10 people to ensure that projects are completed
- Assisted community with voters' registration process
- Implemented daily senior care by assisting with breakfast & regular daily routines at the Desi Senior Center

HRA Infoline, NYC's Summer Youth Employment Program

Office Intern

Jamaica, NY

07/2016-08/2016

- Helped workers take phone calls, replied to emails, and organize timelines

ResCare NYC's Summer Youth Employment Program

Clerical Support Intern

Long Island City, NY

07/2014 - 08/2014

- Organized files
- Distributed test for job seekers

ASSOCIATIONS & INTERESTS

New York Public Interest Research Group (NYPIRG)

Student Statewide Board of Directors

New York, NY

06/2024 – Present

- Served as directors for the corporation and delegates for CUNY NYC College of Technology, setting program priorities, adopting budgets, and developing new initiatives for NYPIRG.
- Oversaw research focus areas and, when necessary, authorized and directed legal actions.