Ye Moe

yemoe82003@gmail.com | https://github.com/ye-moe | https://www.linkedin.com/in/y-moe/ | Portfolio

Education

Baruch College | Weissman School of Arts and Science   New York, NY
BS in Computer Science | Cumulative GPA: 3.45   Expected in Dec 2026

Borough of Manhattan Community College (BMCC)   New York, NY
AS in Computer Science | Cumulative GPA: 3.98   May 2024

Relevant Coursework: Data Structure & Algorithms, Web Engineering, Computer Architecture, Writing for Engineering

Experience

Borough of Manhattan Community College (BMCC)   July 2024 – Present
Admissions Office - Enrollment Coach
- Process 10-15 student admissions applications daily; review and evaluate transfer credits
- Maintain high throughput while supporting +13.5% YoY total headcount growth (20,740 vs 18,025) and +10.6% YoY first-time enrollment growth (+1,594 students) as of August 2025

BRE Hotels & Resorts   Aug 2025 – Sept 2025
Hotel & Hospitality Investments Extern
- Participated in Executive Speaker Sessions for externship in hotel investments, operations, and asset management
- Completed 7-weekly modules with BRE leadership and gained exposure to capital planning and operations

Teromac Technologies   Jan 2023 – June 2024
Junior Software Engineer Extern
- Gained exposure to MERN stack concepts and SaaS design patterns with focus on ADA (Americans with Disabilities Act) compliance and security
- Collaborated weekly with a small team, working under senior engineer supervision and contributing to discussions on design and workflows

Projects

Kinective - DivHacks 2025 at Columbia University   Oct 2025
Top 6 Finalist & 2nd Place Tavily Sponsor Challenge
- Developed a full-stack AI-powered fitness coach using YOLOv8 pose estimation, FastAPI and Next.js, achieving real-time (<1s latency) motion tracking, rep counting, and posture correction through live camera streams
- Integrated Gemini API and Tavily MCP (Search & Crawl) for contextual feedback and evidence-based exercise analysis; deployed via Vercel and local ML pipelines

RentMinder - Byte Hacks 2025 at City College of New York (CCNY)   Sept 2025
2nd Place Overall Winner
- Built a Flask backend that used Google Gemini to parse leases (PDF/images) into structured JSON, extracting 8-10 key fields per lease with ~85-95% usable accuracy and appending results to Google Firebase/Firestore
- Implemented calendar/email API workflows: created recurring Google Calendar rent/reminder events and Gmail maintenance drafts from parsed data; added ICS (iCalendar) fallbacks to de-risk OAuth

E-Commerce Website - *PHP, SQL, HTML, CSS*   June 2025
- Developed a bookstore site with dynamic SQL-driven product display
- Implemented checkout with PHPMailer email confirmations; deployed via Render

NYC MTA Live Alerts QT (CCNY CSC 22100) - *Python, PyQt6*   Oct 2024 – Nov 2024
- Created PyQt6 GUI for real-time MTA alerts; fetched and filtered JSON API data
- Handled time zones, categorized alerts, and ensured real-time updates

Skills

Frameworks: Python (Flask, PyQt6), C++ (STL, OOP), HTML, CSS, JavaScript, SQL, PHP, Figma UI/UX design, React, Node.js
Databases/Tools: Pandas, Matplotlib, MySQL, Firebase/Firestore, Git/GitHub, phpMyAdmin, GitHub Copilot
APIs/Cloud/Methodologies: Google Gemini, Calendar & Gmail APIs, ICS/iCalendar, FastAPI
Methodologies: Agile, Waterfall
Languages: English, Burmese
Hobbies: Reading absurd fiction (Kafka, Camus, Lispector), Gaming (Turn-based games)
Other: Customer Service, File Management, Data Entry, Research, Calendar Management, Organizational Skills