

PHYO THIIHA OO



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EDUCATION

Associate of Science, Computer Science — Borough of Manhattan Community College (CUNY), New York, NY |
Expected Jan 2027 | GPA: 4.0

Bachelor of Science (BSc), Nautical Science — Myanmar Maritime University, Yangon, Myanmar | 2010–2014

RELEVANT COURSEWORK

Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, Database Systems, Discrete Structures, Computer Systems

TECHNICAL SKILLS

Programming: C++, Java, Python, JavaScript, SQL

Web Development: HTML, CSS, JavaScript, React

Automation & Testing: Selenium WebDriver, TestNG, Cucumber (BDD), Postman, RestAssured, JMeter

Tools & Platforms: Git, GitHub, Maven, Jenkins, Linux System Administration

PROJECTS

Robot World Simulation (C++) — Designed a grid-based robotic navigation system using object-oriented programming concepts including abstraction, encapsulation, inheritance, and polymorphism. Implemented directional logic, movement algorithms, and object detection while strengthening understanding of modular software design and dynamic memory management.

Automation Test Framework (Java, Selenium, BDD) — Built a scalable automation framework using Selenium WebDriver, Java, Cucumber, and Maven. Applied Page Object Model design patterns and integrated Jenkins CI pipelines for automated regression testing and reporting.

Mandalay Cultural Tour Web Application (HTML, CSS, JavaScript) — Developed a responsive frontend website showcasing cultural landmarks and tourism information from Mandalay. Implemented interactive UI components and structured navigation to improve user experience.

EXPERIENCE

Information Technology Intern — CIS Department, BMCC | Mar 2026 – May 2026

- Provide IT support for hardware, software, and system troubleshooting across departmental systems
- Assist with system configuration, documentation, and technical operations
- Collaborate with faculty and technical staff to improve workflows and technology usage

Driver Partner — Uber & Lyft, New York, NY | Jun 2023 – Present

- Balance full-time Computer Science studies (4.0 GPA) while managing independent work
- Maintain 4.9★ Uber rating and 5.0★ Lyft rating through reliable service and professionalism
- Demonstrate strong time management, communication, and problem-solving skills

Navigation Third Officer — Toyofuji Shipping / KSK Marine Management | 2015 – 2022

- Managed vessel navigation systems and voyage planning on international merchant vessels
- Operated radar, ECDIS, GPS, and maritime communication systems
- Conducted cargo watch and ensured compliance with international maritime safety regulations (COLREGs)

AFFILIATIONS

Computer Programming Club (BMCC) | CUNY 2x Tech Program | Generative AI Program & BMCC Hackathon | Phi Theta Kappa Honor Society | Degree Under Three Program

HONORS & CERTIFICATIONS

Dean's List — Borough of Manhattan Community College

ISTQB Certified Tester – Foundation Level (2024)

AWS Certified Cloud Practitioner (2024)

LinkedIn Learning Certifications: Selenium, REST Assured, Postman, JMeter, Jenkins, Git