

Ye Htut Maung

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EDUCATION

Queens College, The City University of New York

Flushing, NY

Bachelor of Science in Computer Science, GPA: 3.96

Expected May 2026

Awards: Presidential Scholars

Relevant Coursework: Data Structures and Algorithms, Objective Oriented Programming in Java and C++, Computer Architecture, Theory of Computation, Discrete Structures

TECHNICAL SKILLS

Programming Languages: Proficient - Java, C++, Python, HTML, CSS, JavaScript; Familiar – React, SQL, Kotlin.

Certifications: Google Data Analytics

WORK EXPERIENCE

Queens College Learning Commons

Queens, NY

Computer Science Tutor

February 2024 – Present

- Developed 10+ Computer Science lessons, achieving a 95% satisfaction rate by aligning with individual learning objectives
- Assist 200+ students in Programming and Computer Science logics with 20% increase in average student performance
- Provided guidance on effective study habits and examination strategies to optimize student learning and performance
- Enhance tutoring effectiveness by attending department-led training workshops leading to improved student engagement

PROJECTS AND INDUSTRY INVOLVEMENT

Supa Social Website ([GitHub](#))

- Constructed a social media website as the capstone project for the Intermediate to Web Development Code Path Course
- Leveraged Supabase for real-time database functionalities and API management, enabling dynamic content updates and enhancing user interaction
- Implemented core features such as creating, editing, and deleting posts, significantly improving user engagement and content management efficiency.

GreenIQ Website (DevFest Hackathon) ([Site](#) [GitHub](#) [DevPost](#))

- Collaborated with team of 4 young professionals to design a web application that would increase the awareness of environment
- Engineered and deployed the educational platform using React.JS and Firebase, focusing on accessibility and real-time data handling to ensure availability anywhere, anytime
- Utilized engaging and educational game mechanics, incorporating interactive elements to foster user engagement and enhance the learning experience on environmental topics

Converter of Roman Numeral to Arabic Number using GUI ([GitHub](#))

- Developed a Java-based Roman Numeral converter with a GUI for seamless conversions from user input or files
- Managed and executed five sequential projects, integrating them into a fully functional application
- Enhanced code cleanliness and readability by employing linked list data structures and object-oriented programming (OOP) principles, streamlining development and improving maintenance efficiency

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Code for All QC

New York, NY

Workshop Developer and Event Manager

December 2022–Present

- Effectively orchestrated 10+ technical workshops and networking events, connecting members with industry experts and leading tech companies to foster their professional development
- Provided 1-1 advising sessions to over 500 club members, assisting in their projects and enhancing their technical skills
- Established connections with over 1,300 students, professors, alumni, and industry experts through Discord and LinkedIn

BridgeBurma

New York, NY

Computer Science Mentor

April 2024 – Present

- Advised Burmese students on initiating their computer science education, providing insights into the job market and potential career paths
- Offered guidance on overcoming educational challenges and effective study techniques for data structures and algorithms
- Assisted students with university selection and application processes for studying abroad