

Meng Cheng Ma

New York, NY • +1 (646) 578-6634 • mengchengma@gmail.com • www.linkedin.com/in/mengcm/

EDUCATION

New York Institute of Technology | Manhattan, NY

Expected December 2025

Bachelor of Science — Computer Science

- **Relevant Coursework:** Artificial Intelligence, Operating Systems, Algorithms and Data Structures, & Software Engineering

WORK EXPERIENCES

InterSoft Associates

Jan 2025 - Jul 2025

Software Developer Co-op | Lynbrook, NY

- Engineered an **internal timesheet budget analysis tool (React/SQL)**, automating executive reporting with Excel exports and significantly reducing manual effort.
- Optimized **25+ SQL stored procedures**, cutting query times by up to **50%**; integrated APIs for reliable data exchange with validation.
- Delivered **8+ production-ready full-stack features** (C#, JavaScript, WPF, React), ensuring UI quality.
- Collaborated within a **5+ person Agile team with senior developers** (TFS) on version control, code review, and project management; performed comprehensive testing.

National Urban Technology Center

Mar 2023 - May 2023

Web Developer Intern | New York, NY

- Enhanced HTML and CSS skills and worked with WordPress for website development.
- Improved website SEO and user experience to **increase website traffic** and ranking by **10%**.

RELEVANT PROJECT EXPERIENCES

BlackJack Multiplayer Web Game

Jul 2025 - Aug 2025

Full Stack Developer | Team Project | [Github Link](#)

- Enabled real-time multiplayer gameplay (up to 3 players per room) by building with **React, TypeScript, TailwindCSS, Node.js, and Socket.io**.
- Implemented game rooms, betting system, hand splitting, dealer logic, and automated card reveals through **WebSocket communication**.
- Developed a responsive and interactive interface with dynamic UI and animations, alongside a backend server managing sockets, game state, and balance tracking.

Rentally AI

Sep 2024 - May 2025

Full Stack Developer | Team Project | [Github Link](#)

- Led a team of 4 members, guiding the project's direction and overseeing feature development.
- Developed key features, including an **AI-powered chatbot** for item recommendations, CRUD functionality for listings and profiles, and screens for the profile and homepage.

Invoice Management Website

Oct 2024 - Dec 2024

Full Stack Developer | Team Project

- Led a team of 3 members, developed a web application using **Next.js**, hosted on **Vercel**, with **NeonDB (PostgreSQL)**.
- Implemented secure authentication with NextAuth and Bcrypt, and developed an efficient invoice management system for contractors and clients.

Smart Attendance App

Jan 2024 - May 2024

Full Stack Developer | Team Project

- Implemented attendance management features along with device ID verification, QR code generation, **Bcrypt** algorithm, and VPN detection for security using Android Studio.
- Utilized Firebase Realtime Database and **Location API from Google Services** for attendance taking.

SKILLS & CERTIFICATES

- Programming Languages: Java, Python, C, C#, C++, HTML, CSS, Javascript, SQL
- Technologies: Git, GitHub, Amazon Web Services, React, Team Foundation Server, Google/Microsoft Office, SQL Server Management Studio
- Relevant Certificates: AWS Academy Cloud Foundations, HTML and CSS (LinkedIn, Codecademy)