

Carlo Ace Sagad

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EDUCATION

CUNY - Queens College

Bachelor of Arts in Computer Science

Queens, NY

Graduated Dec 2024

CUNY – LaGuardia Community College

Associate in Science in Computer Science

Long Island Queens, NY

Graduated May 2021

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML, CSS, SQL (MySQL, PostgreSQL, MS SQL)

Tools and Frameworks: VS Code, IntelliJ, Eclipse, GitHub, SQL Server Management Studio, Azure Data Studio, Tomcat, Bootstrap, Tailwind CSS, jQuery, React, Express, Node.js, EJS

PROJECTS

[EventSphere – Event Management Platform](#)

Sept 2024 - Dec 2024

- Led a team of four to develop a platform using React, JavaScript, Tailwind CSS, PostgreSQL, Express.js, and Node.js to help users discover, share, and host local events, improving event visibility and user engagement.
- Integrated PredictHQ and Google APIs to provide personalized event recommendations and location-based search, enhancing event organizers' ability to reach their target audience.

[CUNY Student Needs Survey – CTP Hacks 2024 Winner \(SWE Best Practices Award\)](#)

Aug 2024

- Collaborated with a team of four to develop a survey platform using React, HTML, CSS, Bootstrap, and MySQL to collect and analyze data on student needs such as food insecurity and housing instability across CUNY campuses.
- Contributed to winning the SWE Best Practices Award by implementing industry-standard coding practices, project management, and ensuring adherence to high standards in code quality, testing, and deployment.

[Personal Portfolio Website Project](#)

Oct 2024

- Developed a responsive, high-performance portfolio website using Vite, React, JavaScript, Express.js, Node.js and Tailwind CSS to showcase projects, skills, and professional background, with features like an interactive hero section and animated project showcase.
- Optimized for accessibility and cross-device compatibility, implementing Framer Motion for smooth animations and following best practices in clean architecture, reusable components, and efficient state management.

RELEVANT EXPERIENCE

CUNY Tech Prep

New York, NY

Full Stack Developer Fellow

Jul 2024 - Present

- Selected for the competitive CUNY Tech Prep program, focusing on Full-Stack Development, Software Engineering skills with technologies such as PostgreSQL, Express.js, React, and Node.js, while applying best practices in Git workflows, CI/CD, testing, and agile development.
- Collaborated on hands-on projects, refining technical skills in MVC patterns, APIs, and microservices, with mentorship and practical experience in both design and deployment.

Open Source Lab

New York, NY

Backend Developer

Feb 2025 - Present

- Created a backend API to track Zoom events (join, leave, rejoin) using webhooks.
- Built a web-based dashboard for real-time attendance monitoring and report export.
- Implemented features for filtering and viewing detailed attendance logs by meeting.

PROFESSIONAL EXPERIENCE

Sparc.world

Remote

Product/Website Tester Intern

Feb 2024 – May 2024

- Collaborated with a team of 4 developers via Slack and Trello to conduct comprehensive testing of website features, ensuring alignment with business and user requirements.
- Contributed to continuous product quality improvement by preparing detailed reports for each feature tested and prioritizing bug resolution based on criticality. Identified, analyzed, and resolved website functionality issue

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- [Java Data Structures & Algorithms Udemy Course Certificate of Completion](#)
- [The Complete Full-Stack Web Development Bootcamp](#)