

Carlo Ace Sagad

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EDUCATION

CUNY - Queens College

Bachelor of Arts in Computer Science

Flushing, NY

Expected December 2024

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming in C++ and Java, Computer Organization and Assembly Language, Discrete Mathematics, Discrete Structures, Calculus, Computer Architecture, Operating Systems Principles, Design & Analysis of Algorithms, Database Systems, Web and Internet Technologies, Software Engineering, Distributed Systems

CUNY – LaGuardia Community College

Associate Degree in Computer Science

Long Island City, NY

Graduated Spring 2021

SKILLS

Languages: Java, C++, HTML, CSS, JavaScript, Flexbox, Grid, Node.js, Assembly Language, Unix/Linux Environment, MS SQL, JSP, MySQL, Express, EJS, PostgreSQL

Tools and Frameworks: VS Code, Microsoft Visual Studio, IntelliJ, Eclipse, GitHub, SQL Server Management Studio, Azure Data Studio, Tomcat, Bootstrap, Tailwind CSS, jQuery, React, Front-end, Back-end, ES6

PROJECTS

CUNY Student Needs Survey – CTP Hackathon 2024 Winner (SWE Best Practices Award) | [Link](#)

- Teamed up with 4 members to develop a winning project for the CTP Hackathon 2024, inspired by the CUNY Cares report, addressing critical student needs such as food insecurity and housing instability.
- Created a survey platform using React, HTML, CSS, and Bootstrap for the front-end, and MySQL for the back-end, to collect and analyze data on these unmet needs across CUNY campuses.
- Enabled students to participate in surveys and access resources, helping identify critical gaps and inform targeted support efforts.
- Contributed to winning the SWE Best Practices Award by implementing industry-standard coding practices, efficient project management, and ensuring adherence to best practices in code quality, testing, and deployment.

Personal Portfolio Website Project | [Link](#)

- Created a personal portfolio website using Vite and React, showcasing my skills, projects, and professional experience.
- Features include a dynamic hero section, interactive project showcase, detailed resume page, and an engaging contact section.
- Designed with a focus on responsiveness and user experience, ensuring optimal performance across various devices.
- Employed modern web development practices, utilizing Tailwind CSS for styling and implementing smooth animations for enhanced interactivity.
- Exhibited proficiency in front-end development, emphasizing clean code, accessibility, and visual appeal.

Zipcode Searcher | [Link](#)

- Developed a Zip Code Search application using React, allowing users to easily find city information based on zip codes.
- Features include an intuitive user interface for inputting zip codes, displaying city details such as location, population, and total wages.
- Implemented real-time error handling to manage invalid inputs, enhancing user experience and feedback.
- Utilized the CTP Zip Code API to fetch data dynamically, ensuring accurate and up-to-date information is displayed.
- Showcased proficiency in front-end development with a focus on clean code structure, responsive design, and user-centric functionality.

Student Management System Project | [Link](#)

- Created a web-based Student Management System using server-side Java, Jakarta Server Pages (JSP), Java Database Connectivity (JDBC), and MySQL that allows users to add, view, edit, and delete student records.
- Managed data through Java Servlets and stored it in a MySQL database.
- Highlighted expertise in server-side Java programming, web development, and secure database management.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

CUNY Tech Prep

Web Development Fellow

New York, NY

August 2024 - Present

- Selected as a fellow in a competitive program designed to advance web development and software engineering skills.
- Participated in advanced workshops and coding sessions, collaborating with peers to build robust web applications.
- Engaged in mentorship opportunities, refining both technical and professional skills to prepare for a career in software development.

PROFESSIONAL EXPERIENCE

Sparc.world

Product/Website Tester Intern

Remote

February 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 issues.

Starbucks Coffee Company

Barista/Shift Supervisor

New York, NY

Sept 2019 – June 2020

- Supervised and led a team of 4-8 employees in a fast-paced environment, completing 150-400 customer orders daily
- Implemented effective sales techniques, including suggestive selling and cross-selling, leading to a 30% weekly revenue boost
- Earned Partner of the Quarter Award for outstanding performance and contribution to the team
- Trained and mentored new hires on company policies, procedures, amplifying and performance and effectiveness of my team

CERTIFICATES/AWARDS

- [Java Data Structures & Algorithms Udemy Course Certificate of Completion](#)