Carlo Ace Sagad

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EDUCATION

CUNY - Queens College   **Flushing, NY**
Bachelor of Arts in Computer Science   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, Wireless Networks and Signals

CUNY – LaGuardia Community College   **Long Island City, NY**
Associate Degree in Computer Science   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

EventSphere – Event Management Platform | Link
- Led a team of 4 members to create *EventSphere*, a platform for discovering, sharing, and managing local events, based on my original idea to address the challenges of fragmented event information.
- Designed and implemented the front-end using React and Tailwind CSS, enabling users to easily browse events, receive personalized recommendations, and find nearby activities.
- Developed features for event organizers to create, manage, and promote their events, simplifying the process of reaching target audiences and enhancing event engagement.
- Successfully pitched the project, demonstrating its potential to streamline event discovery and contribute to a more connected local community.

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..

Book Notes Tracker | Link
- Built a full-stack book tracker with Express.js, PostgreSQL, Node.js, and EJS, enabling secure CRUD operations using the pg library.
- Created a responsive UI with JavaScript and CSS, deployed on Render, and managed server setup and sensitive data securely with dotenv.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

CUNY Tech Prep   **New York, NY**
Web Development Fellow   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.

Project Leader – EventSphere   **New York, NY**
Project Leader   August 2024 - December 2024
- Led a 4-member team in developing *EventSphere*, a platform for discovering and managing local events.
- Defined the project vision and coordinated tasks, ensuring the team met deadlines.
- Made key technical decisions, driving the implementation of personalized event recommendations and event creation features.

PROFESSIONAL EXPERIENCE

Sparc.world   **Remote**
Product/Website Tester Intern   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   **New York, NY**
Barista/Shift Supervisor   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