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

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

PROJECTS

Student Management System Project | GitHub
- 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.

Personal Portfolio Website Project | GitHub
- Developed a personal portfolio website using Bootstrap, featuring a hero section, resume page, project showcase, about me section, and contact form.
- Built a fully responsive, device-optimized site adhering to best practices in HTML, CSS, and accessibility.
- Demonstrated proficiency in web development with a focus on clean design and functionality.

Node.js API Integration Project | GitHub
- Developed a Node.js application that retrieves images from the http.cat API based on user input and uploads them to the imgbb platform.
- Handled HTTP requests, processed form inputs, and managed image uploads with robust error handling mechanisms.
- Implemented secure API key management to ensure data protection during API interactions.
- Demonstrated expertise in server-side logic, asynchronous operations, and error handling using Node.js.

CUNY Student Needs Survey – CTP Hackathon 2024 Winner (SWE Best Practices Award) | GitHub
- 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.

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.

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