

Gustavo Rosales

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Education

CUNY College of Staten Island

May 2023

Bachelor of Science in Computer Science

Certificates

Cloud Computing Fundamentals by IBM SkillsBuild Completed 04 Jan 2024

Skills

- **Languages:** Experience in C++, Python; Familiar with, PHP, JavaScript, TypeScript
- **Technologies:** Next.js, React, MongoDB, SQL, MySQL, Pandas, Numpy, Flask
- **Tools:** Git/Github, Linux, VSCode, Visual Studio, Docker

Technical Projects

[Alveusgg](#) (Open Source Contribution)

Dec 2023

- Resolved a bug causing scroll position reset on reopening /show-and-tell after approving a new post and changing tabs/windows, by preventing new post loading on refocus.
- Adjusted refetchOnWindowFocus setting to false for the infinite query, aligning with recommended practice from useQuery documentation.
- Collaborated with project maintainers and community members to discuss the proposed changes, gather feedback, and ensure alignment with project standards.

[Message Board](#), Tech Stack: PHP, MySQL, JavaScript, HTML/CSS

April 2023 - May 2023

- Developed PHP social web app in team of 2 for users post, likes, and comments on content shared content
- Stored users' login, posts, and engagement activity in MySQL to save information for specific user access
- Built username availability checker for with JavaScript to differentiate accounts when signing up

[Bug/Issue Tracker](#), Tech Stack: Typescript, Next.js, MongoDB, Auth0, tRPC

Jun 2022 – Oct 2022

- Developed a TypeScript web app for Software Developers and Product Managers to track bugs and feature issues during development cycle
- Stored bugs data in MongoDB for users to track and store their own tickets
- Implemented tRPC for client-server interactions for reducing data processing time

Technical Related Experience

CodePath, **Tech Fellow**

May 2024

- Collaborated with industry professional coaches and course instructors to deliver technical interview preparation sessions, providing expertise and guidance to help students succeed in technical interviews.
- Assisted in implementing mock interviews and coding challenges, working closely with coaches to simulate real-world interview scenarios and assess student readiness on topics like algorithms, complex data structures, and design patterns.
- Provided feedback to coaches and instructors on student performance and progress, contributing to the continuous improvement of the curriculum and teaching methods.

Entrepreneurs of Tomorrow via Virtual Internships, **Software Developer**

Oct 2023 – Dec 2023

- Partnered with the Founder of EOT and collaborated with Duke University students within the incubator designed for young entrepreneurs.
- Successfully integrated a third-party platform to facilitate the initial round of the incubator, allowing judges to evaluate and rank students' businesses.
- Spearheaded the wireframing process for the development of the web application, focusing on implementing web3 technology within the learning platform.

Google, **Google Software Engineering Program (G-SWEP) Fellow**

Mar 2023 – Sep 2023

- Engaged in a 10-week technical mentoring program with over 70 fellows, focusing on mastering foundational data structures and algorithms, while also honing interview skills to effectively showcase expertise
- Pair with Google SWE mentor with to coordinate technical and professional development through weekly check-ins on progress towards develop software engineering skill set

Bloomberg LP, **Bloomberg Engineering Princeton Tech Lab Fellow**

June 2023 - July 2023

- Selected to be 1 of 38 software engineers to attend a 3-day intensive Tech Lab at Bloomberg Engineering's Princeton Campus
- Collaborated with Bloomberg engineers + peers to build an Python based portfolio manager to keep track of Security, Position, Account, and Portfolio
- Attended interactive sessions focused technical SWE interview skills + tech talks