ASAREL CASTELLANOS

📞 323-572-1018 ✉ asarelc@gmail.com 🔗 linkedin.com/in/asarelcastellanos ⭘ github.com/asarelcastellanos

Education

California Polytechnic State University, San Luis Obispo **Sept 2023 – June 2025**
Bachelor of Science in Economics: Quantitative Analysis *San Luis Obispo, CA*

Experience

Axios **Jun 2023 – Aug 2023**
Software Engineering Intern *Remote*
- Conducted research and deployed a honeypot on newsletter sign-up forms, identifying and labeling 3,000 suspected bots within the first week of implementation.
- Contributed to the migration of newsletter sign up and confirmation pages from Webflow to Next.js, while also writing an accessible carousel and newsletter card component in Typescript.
- Engaged in competitor newsletter page analysis, providing research-based recommendations, and actively contributed to design of the newsletter signup and confirmation pages.

Santa Monica College **Mar 2022 – May 2023**
Computer Science & Information System Tutor *Santa Monica, CA*
- Provided comprehensive tutoring support for 80% of SMC's computer science courses, spanning from introductory levels to advanced data structures.
- Achieved high student retention and received top ratings among all program tutors, maintaining a 90% student satisfaction rate.

Snap **Jun 2022 – Aug 2022**
Engineering Academy Scholar *Santa Monica, CA*
- Developed a Snapchat template using React Native, adopted by all Snap Academies teams, streamlining instructors' workflow and saving approximately 1 week of their time.
- Solely engineered a Snap Mini using React Native, integrating Expo Camera and Firebase within a 6-hour timeframe.
- Collaborated with a cross-functional team of designers and marketers to create a Snap Mini addressing a social cause.

TRIVIAL **Oct 2021 – Nov 2021**
Software Engineering Intern *Remote*
- Utilized Node.js to implement 3 API integrations connecting TRIVIAL and Typeform.
- Tested and validated the functionality and data security of the 3 integrations using Mocha and Chai.
- Published 2 educational articles on Intercom, empowering users to effectively leverage the newly implemented Typeform integrations.

Projects

smcgrades.com | *Next.js, TypeScript, TailwindCSS* **Current**
- A website that allows Santa Monica College to look up the difficulty of professors or classes.
- Built on Next.js and TailwindCSS it allows users to compare classes and professors with the use of graphs, percentages, and 'grades' based on difficulty.

Grade Distribution File Transformer | *Python, Pandas, Openpyxl* **Sept 2023**
- Converts .xlsx files into usable .csv files that are then uploaded to a database.
- Using Pandas it cleans, sanitizes, and reorganizes the data to fit a custom data structure.

Salon | *Next.js, JavaScript, TailwindCSS, Sanity.io, Typeform, Twilio* **March 2022**
- A custom website built to allow customers to view the salon's past work, prices and allows for booking.
- Integrates a Sanity CMS to allow Salon owner to upload images, videos, and text without coding.
- Connects Typeform with a custom API that collects submissions which are sent in the form of a text message through Twilio to the salon owner.

Technical Skills

Programming Languages: Typescript, JavaScript, Python, Java, C/C++, HTML, CSS
Frameworks/Libraries: Next.js, React.js, SvelteKit, React Native, TailwindCSS, Sanity, Pandas
Backend: Node.js, Express, MongoDB, Firebase, Google App Engine, Heroku
Tools: VS Code, Github, Postman, Vercel, Jira, Notion, Sailthru, Cypress