John Gorriceta

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Education

Brigham Young University - Idaho   Rexburg, Idaho
BS Computer Science *GPA: 3.92/4.0*   2021 - 2024

- Acquired a strong foundation in object-oriented programming principles, enabling the creation of modular and scalable software applications.
- Developed proficiency in web development, including front-end and back-end technologies, to create dynamic and user-friendly websites.
- Gained exposure to functional programming paradigms, expanding knowledge of alternative programming approaches and enhancing code readability and maintainability.
- Demonstrated proficiency in data structures and algorithms, enhancing problem-solving skills and optimizing program efficiency.
- Volunteered as a CS tutor, providing instruction to students on key concepts in JavaScript, React, Python, and C# to ensure their proficiency in these programming languages.

Work Experience

Barton Consulting   Idaho Falls, Idaho
Web Developer   12/2021 - Present

- Developing websites for various clients using WordPress and HUGO, leveraging CSS to produce custom designs and effects.
- Collaborate with clients on specific design requests and utilizing custom PHP and JavaScript code to implement functionality.
- Utilize Docker to replicate development environments with cloud servers and test site functionality on differing PHP versions.
- Developed comprehensive end-to-end tests for staging sites using UI testing frameworks.

BackLocal   Provo, Utah
Backend Engineer   03/2021 - 04/2021

- Developed a custom REST API written in Python leveraging the FastAPI framework.
- Produced software to automate the SEO of 10 local businesses with a team of 3 developers.
- Integrated Shopify API with custom REST API to gather and record product inventory of 3-5 local businesses.

Projects

Ari. *TypeScript, Svelte*   https://learnari.com
Developed Ari, a web application that provides users with a platform to practice and improve their mental arithmetic skills.

CometNotes *JavaScript, Svelte*   https://cometnotes.netlify.app
Designed and built CometNotes, a web application utilizing modern web technologies to help students generate flashcards automatically from their notes.

The Celeste Project *TypeScript, React*   https://thecelesteproject.vercel.app
Designed and developed The Celeste Project, a web application aimed at enhancing users' scripture study experience by providing concise and impactful scripture passages.

Anmly. *React, Next.js, TypeScript, JavaScript, Puppeteer, MySQL*   https://anmly.vercel.app
Developed Anmly, a full-stack web application that revolutionizes online shopping by utilizing web scrapers to gather and display discounted products from popular fast fashion sites. Leveraged Puppeteer.js to efficiently scrape JavaScript-loaded sites, ensuring accurate and up-to-date product information. Implemented a responsive and intuitive frontend using React, Next.js, and TypeScript, providing users with a seamless browsing experience. Created a backend comprised of edge functions utilizing Node.js and TypeScript to connect to a cloud-based MySQL database.