Alejandro Gonzalez

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Objective

A dedicated Computer Science student aiming to leverage my evolving technical expertise, problem solving abilities, and strong work ethic to contribute value and drive innovation in a forward-thinking product driven organization. Seeking opportunities for continuous learning and professional development.

Education

New Jersey Institute of Technology | Newark, NJ   Expected Graduation May 2025
B.S. Computer Science
Coursework: Data Structures & Algorithms, Intense Programming in Linux, Internet Applications, Calculus, Physics

Skills & Technical Tools

Languages: HTML, CSS, Javascript, Typescript, Python, Java, C++, C
Technologies & Frameworks: React, Angular, Node JS, Express JS, MongoDB, Git
Soft: Oral/WrittenCommunication, Team Building & Coordination, Reliability, Problem-Solving, Time Management

Projects

Portfolio Page | https://alejandrogonzalez.info/ | *HTML, CSS, Javascript*
- Developed and implemented a responsive web design, to showcase my professional projects and skills.Additionally the platform facilitates seamless communication and offers an in-depth insight into my background.
- Seamlessly integrated HTML and CSS to ensure cross-browser compatibility and optimal performance for enhanced user satisfaction, with a dedicated focus on mobile responsiveness to enhance user satisfaction.
- Created a visually engaging and user-friendly interface by meticulously refining the design elements, fostering a positive and memorable user impression.

PokeInfo | https://pokeinfo-hfvr.onrender.com/ | *React*
- Developed a React with TypeScript user interface that efficiently presents a comprehensive repository of Pokemon data, encompassing vital information such as name, type, abilities, stats and moves.
- Implemented advanced optimization techniques to minimize API requests to the custom built API, enhancing the website's performance and reducing load times. Rigorously tested and refined these optimizations to ensure seamless data retrieval and delivery.
- Empowered users to effortlessly explore Pokemon through various features such as a dynamically updating search bar for quick and precise search experience.

PokeInfo API | https://pokemon-api-sef1.onrender.com/ | *HTML, CSS, Bootstrap, Node JS. Express JS, MongoDB*
- Engineered a custom API that efficiently collects, stores, retrieves, and serves structured schema data from a MongoDB database, guaranteeing real-time and dependable access to Pokemon information.
- Prioritized data security and implemented a robust user authentication process to safeguard access to data input.
- Developed an HTML and JavaScript input page to meticulously curate and input Pokemon data from trusted resources, ensuring the utmost accuracy and integrity in the data served.
- Leveraged Render cloud application hosting for the seamless deployment of the live web service.

Work Experience

Urban Air Adventure Park | Assistant Manager | South Hackensack, NJ   April 2022 - Present
- Orchestrated daily operations by supervising and coordinating a team of up to 50 employees facilitating efficient communication among staff members. Ensured enhanced staff awareness of roles and responsibilities
- Assumed a pivotal role in maintaining customer satisfaction by managing a high volume of booked events. Committing to delivering exceptional experiences fostering repeat business and outstanding service.