Alejandro Gonzalez

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Education

New Jersey Institute of Technology | Newark, NJ   Expected Graduation May 2025
B.S Computer Science
Coursework: Data Structures & Algorithms, Database Design & Management, Operating Systems,
Intensive Programming in Linux, Internet Applications, Intro to Agile/Scrum, Computer Networks

Skills

Languages: Python, Java, C, C++, JavaScript, PHP, Bash, SQL, HTML/CSS
Libraries & Frameworks: ReactJS, TypeScript, Node JS, Express JS, Pandas, Selenium, Beautiful Soup
Tools: Linux Cli, AWS, Terraform, Git/Github, Jira, MongoDB, MySQL, Docker, GCP, Thunder Client

Projects

Portfolio Page | http://alejandrogonzalez.info | *HTML, CSS, Javascript, Render*
- Developed a responsive web application to showcase my professional projects, skills, and personal background, targeting potential employers seeking to hire a software engineer.
- Demonstrated **CSS** design skills with an interactive user interface with optimal performance and usability across all devices.
- Leveraged **Render** cloud application hosting for seamless and reliable deployment.

PokeInfo | https://pokeinfo-hfvr.onrender.com/ | *React, TypeScript, Node JS, Express, MongoDB*
- Developed a full stack application showcasing popular Pokemon characters using **Node JS**, **Express JS** and **MongoDB** for the backend API and **React** for the front end user interface.
- Created a **React** with **TypeScript** user interface that efficiently presents a comprehensive repository Pokemon data encompassing vital information to users. Implemented API requests optimization to minimize requests and improve responsiveness.
- Engineered an API to handle create, read, update and delete (CRUD) requests.

Attendance App | *React, Node JS, Express, Terraform, AWS RDS, AWS Lambda, Jira*
- Designed and implemented a digital attendance system for teachers, using **React** for the frontend and **AWS-hosted API** for the backend, and **Terraform** for infrastructure as code.
- Employed **Scrum** methodology and **Jira** for effective project management and team collaboration.
- Created comprehensive attendance reports highlighting key attendance metrics using **Chart JS.**
- Conducted **user testing** and gathered feedback through Google Forms to refine app features and user experience.

Work Google Auto | *Python, Beautiful Soup, Selenium, Google API*
- Created a **python** script to scrape my work schedule from the Optim8 scheduling app and automatically uploads it to Google Calendar using **Google API**.
- Utilized **Selenium** and **Beautiful Soup** web scraping libraries to access and parse HTML from the scheduling app, retrieving the necessary data.

Work Experience

Urban Air Adventure Park | Assistant Manager | South Hackensack, NJ   April 2022-Present
- Orchestrated daily operations by supervising and coordinating a team of over 100 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 customer experiences fostering repeat and outstanding service.