

# Alejandro Gonzalez

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## Education

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New Jersey Institute of Technology | Newark, NJ

Expected Graduation May 2025

B.S. Computer Science

Coursework: Data Structures & Algorithms, Intensive Programming in Linux, Internet Applications, Calculus, Psychics

## Skills & Technical Tools

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Languages: HTML, CSS, Javascript, Typescript, Python, Java, C++, C

Technologies & Frameworks: React, Angular, Node JS, Express JS, MongoDB, Git

Soft: Oral/Written Communication, Team Building & Coordination, Reliability, Problem-Solving, Time Management

## Projects

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**PokeInfo** | <https://pokeinfo-hfvr.onrender.com/> | *React*

- A react with typescript user interface that displays an extensive collection of Pokemon information including details on each Pokemon's name, type, abilities, stats and moves.
- Used modern practices to optimize the amount of requests made to the custom built API.
- PokeInfo features a user-friendly search bar that allows users to quickly find specific Pokemon by name or Pokedex ID. The searches are dynamically updated as users type, creating a smooth user experience.
- PokeInfo also encourages users to sort the Pokemon by their type. Users can quickly find information about certain types of pokemon.
- Used Render cloud application hosting to deploy my application.

**PokeInfo API** | <https://pokemon-api-sefl.onrender.com/> | *HTML, CSS, Bootstrap, Node JS, Express JS, MongoDB*

- A custom made API used to collect, store, retrieve, then finally serves the structured schema data from the MongoDB database ensuring real-time and reliable access to the latest Pokemon Information.
- Created a HTML and Javascript input page, where I manually input all the pokemon data found within trusted resources, to ensure the data being served is accurate. To ensure data security, to access the input pages users need to first login.
- Features a modern and beautifully designed login page that ensures only verified users can input information into the database.
- Used Render cloud application hosting to deploy my live web service.

**Portfolio Page** | <https://alejandrogonzalez.info/> | *HTML, CSS, Javascript*

- A live static website that features all information future employers want to know about me, including my contact info, my technological experience and my projects.
- Created a responsive CSS design that ensures people on all devices will be able to access all the site's information.