

CARLOS GARCIA

Software Engineer

CONTACT



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EDUCATION

2023-PRESENT

HUNTER COLLEGE

- Bachelor's in Computer Science

SKILLS

- Python
- C++
- HTML/CSS/JS
- React
- Svelte
- SQL
- Critical Thinking

PROFILE SUMMARY

Motivated and detail-oriented Computer Science student with a solid foundation in programming languages, data structures, and algorithms. Eager to apply theoretical knowledge in practical settings and contribute to innovative projects. Committed to continuous learning and skill development in software development and data analysis.

PROJECTS

FULL STACK

2024 - PRESENT

Pathfinder Algorithm Data Visualization

Technologies Used: **JavaScript**, HTML, CSS, **React**, **Flask**, **Python**, **D3.js**

- Designed and implemented an intuitive user interface allowing users to interactively select algorithms.
- Optimized algorithm performance to enhance visualization speed.
- Enhanced my understanding of algorithms and data structures through hands-on implementation and testing.
- Enhanced my understanding of full stack development by using frameworks like flask to connect my back end python to my front end react.

AI Recipe Generator (Placeholder)

2024 - PRESENT

Technologies Used: **Python**, Flask, **TensorFlow**, HTML, CSS, JavaScript, **React**, **MUI** (possibly)

- Implemented a machine learning model to analyze user input and generate unique recipes filtered by dietary restrictions and ingredient availability.
- Designed a user-friendly interface that allows users to easily input ingredients and preferences, enhancing user engagement.
- Integrated a database to store and retrieve user preferences and past recipes, improving recommendation accuracy.
- Gained hands-on experience in machine learning, natural language processing.