

# Edwin Lopez-Carrillo

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## SKILLS

**Front-end:** React.js, TypeScript, HTML5, CSS3, TailwindCSS **Back-end:** Node.js, Express, Flask, Firebase **Databases:** PostgreSQL, MongoDB, Firestore **APIs:** RestAPI, GraphQL **Deployment:** Heroku, Vercel, Render **DevOps:** Docker, GitHub

## INTERESTS

**Son Ministries** - Free Summer Lunch

*Volunteer*

Volunteered to serve underprivileged kids k-10 to supply free daycare and free lunches over the summer

**ColorStack** - Black and Latinx CS Community

*Member*

Participated in a prestigious program that promotes diversity and increases the representation of Black and Latinx individuals in Computer Science.

## PROJECT EXPERIENCE

**Chicken-Store** - WIP - Next.js-TailwindCSS Frontend, Firebase Backend

[GitHub](#)

An online carryout chicken storefront.

- Responsive UI/UX standards allow unique experiences across mobile and stationary devices.
- Learned and developed a new stack in under a week during my spring break.
- Built-in public to allow peer input and live testing within a CI/CD pipeline.

**Ani-Tracker** - React Frontend, Python backend, Postgres Database

[GitHub](#)

An AniList.co clone used to track, share, and discover anime with friends and the community.

- Implemented GraphQL queries to efficiently retrieve and display anime data from a 3rd party API, optimizing app performance.
- Introduced an "Infinite Scroll", intelligently sorting anime by popularity for enhanced anime discovery.
- Designed and developed a clean and intuitive search bar to search the vast AniList Anime API.

**Strife** - Group Project - React Frontend, Python backend, Postgres Database

[GitHub](#)

A Discord web clone social chatting app.

- Successfully implemented WebSockets, providing users with live chat capabilities.
- Conducted regular code reviews and provided constructive feedback to enhance code quality and maintain best practices.
- Optimized redux state by flattening data allowing for O(1) lookup time and shortening load times.

## EDUCATION

**Columbus State Community College** - GPA: 3.6

2023-present

Pursuing Coursework in Software Development that furthers my knowledge into core development topics such as Networking, Lower Level Languages, Cloud Fundamentals, Database Design, Linux, and Cyber Security.

**App Academy**

2021-2022

Immersive software development course with a focus on full stack web development requiring hundreds of hours of pair programming, covering topics such as Test Driven Development (TDD), scalability, algorithms, Object-Oriented Programming (OOP), RESTful APIs, security, single-page apps, and web development best practices.

**Cyber Academy**

2020

Engaged in coursework covering networking and security fundamentals, including hands-on experience with Cisco, CompTIA, and Linux on industry-standard tools and software.

## WORK EXPERIENCE

**Inventory Associate** - Carmax

2020-2021

- Collaborated with a team to ensure detailed, accurate inventory levels using proprietary handheld devices, computers, and software to record and monitor up to 1000+ inventory items every night.
- Interfaced with customers and transportation professionals to provide excellent customer service while maintaining stringent documentation and processes to manage a large, ever-changing inventory