

# NICHOLAS (NICO) AROCA

Software Engineer

[nicoaroca.isworking@gmail.com](mailto:nicoaroca.isworking@gmail.com) | 929-365-7845 | [Linkedin](#) | [Github](#) | Brooklyn, NY, USA

## SOFTWARE PROJECTS

### [PEAR](#) - Fullstack Web App

Apr 2024 - May 2024

An app connecting low-income families with enrichment opportunities.

- Users can create accounts, post and find different opportunities, and write comments on each opportunity.
- Oversaw PostgreSQL for efficient backend interactions and reliable data storage.
- Developed the frontend with React and Sass for enhanced styling
- Utilized GitHub for version control and Vite for rapid iteration and feature deployment.

### [Recipe Wizard](#) - Frontend Web App

Jan 2024

Users can look up different recipes based on individual ingredients.

- Leveraged an external API to dynamically fetch and render images and recipes.
- Utilized HTML, CSS, and JavaScript to create static elements like search bar and cards, enhancing user search for recipes and images.
- Enforced version control using GitHub

## EXPERIENCE

### Software Engineer Capstone Project Intern

The Marcy Lab School

Jun 2024 - Sep 2024

Brooklyn, New York

- Completed a 10-week internship simulating a professional software development environment.
- Spent 4 weeks mastering C++ and OpenGL, followed by 6 weeks developing a basic graphics engine.
- Demonstrated strong commitment, self-management, and a focus on continuous improvement.

### Character Design Intern

Creative Artworks

Feb 2023 - Jun 2023

New York, New York

- Completed a 14-week internship focused on character creation and narrative development.
- Collaborated with diverse artists and designers, gaining feedback and career insights on character design.
- Received the "Most Original Character" award.

## EDUCATION

### The Marcy Lab School - Computer Software Engineering

Sep 2023 - Sep 2024

- Completed over 2,000 hours of coursework in web development, computer science (CS) fundamentals, and leadership development.
- Developed proficiency in HTML/CSS, JavaScript, Python, NodeJS, ReactJS, and SQL.

## TECHNOLOGIES

Javascript, ReactJS, HTML5, CSS3, Figma, Photoshop, Sass, NodeJS, Express, API, JSON, PostgreSQL, Git, GitHub, C, C++, Linux, Python

## SKILLS

Communication, Teamwork, Agile Methodology, Scrum