

# Christopher Martinez

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## EDUCATION

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### CUNY Hunter College

New York, NY

Bachelor of Arts in Computer Science

Aug, 2023

Relevant Coursework: Software Analysis and Design (C++), Software Engineering, Data Structures and Algorithms, Web Development, iOS Development, Operating Systems, Database Management, Computer Architecture, Financial Accounting, Economics

## EXPERIENCE

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### Two Sigma

New York, NY

External Mentor Connect Mentee

Jul 2021 – Aug 2021

- Contributed to the Open Source community by submitting a pull request for a bug fix and refactoring code in PIP python package manager
- Presented the final project to Engineers at the end of the program
- Selected through a highly competitive process with a ratio of applicants to mentee positions being 10:1.

### General Nutrition Center

New York, NY

Sales Associate

Oct 2019 – Mar 2020

- Counseled clients in selecting appropriate supplements aligning with their diet and exercise routines.
- Consistently exceeded daily sales targets through a compassionate, customer-centered approach.

## PROJECTS

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### Sketch - Real Time Multiplayer Drawing Game

- Created a full-stack multiplayer online game where players draw and guess what others are drawing
- Implemented real-time communication using websockets (Socket.io) for real-time drawing and messaging
- Leveraged React, JavaScript, CSS, MongoDB, Git, Axios, and Express to build the game

### Batting Blvd - Website for Batting Cage Business

- Developed a modern website to streamline customer bookings for a batting cage business.
- Included features like real-time booking and user account management
- Designed the interface using Figma and built the website using Javascript, CSS, React, React Router, and Firebase

### Fitness Coach - iOS App

- Developed a Swift-based iOS app designed to guide beginners through workout routines while educating them about which exercises target which specific muscle groups
- Utilized Apple's UIKit framework to develop the user interface and used the ExerciseDB API to enhance app's functionality
- Walks users through timed workouts with exercises and rep ranges based on users' personalized goals

### CodePath.org University: Mobile Application Design Course

- Attended a 12-week program for designing and scoping our own mobile applications
- Developed 'Flix', an app allowing users to browse movies currently playing in theaters.
- Created clones of popular apps such as Twitter (using Swift and Twitter developer APIs) and Instagram (using Parse for backend user data storage)

## Technical Skills

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- **Programming Languages:** Python, C++, JavaScript, SQL, Swift, HTML, CSS
- **Frameworks/Libraries:** React, Django, UIKit
- **Tools:** Git, Figma, MySQL, MongoDB, Node.js, Axios, Express.js, Bootstrap, React-Router, WebSocket
- **Concepts:** Object-Oriented Programming, Database Management Software, Software Development Life Cycle