

Anthony J. Barrera

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GitHub: [AnthonyBarrera116 - https://github.com/AnthonyBarrera116](https://github.com/AnthonyBarrera116)

Website: <https://anthonybarrera116.github.io/Ajbarr.github.io/>

Age: 22



Education

Loyola University of Maryland

B.S Computer Science

Minor: Statistic

Baltimore, MD

September 2023 - May 2023

September 2023 - May 2023

New Jersey Institute of Technology

M.S Computer Science

Newark, NJ

September 2023 - Present

Professional Experience

Loyola University Maryland

Information Technology Support Specialist

Baltimore, MD

September 2019 – May 2023

- Analyze, troubleshoot, and evaluate technology issues for 5,000 students and 3,500 staff
- Provide support and assistance to keep campus technology optimized and running efficiently
- Streamline repair processes and update procedures for hardware and software
- Configured hardware, devices, and software to set up workstations for students and faculty.

USA Hockey

Hockey Referee

Various Rinks in NJ

July 2016 – September 2022

- 6 years' experience obtaining Level 3 certification (ages 5 to 18)
- Communicate professionally with players, coaches, and parents
- Ensuring all USA Hockey rules are implemented

Skills

- **Programming Languages (Advanced):** C, C++, JavaScript
- **Programming Languages (Intermediate):** Python
- **Programming Languages (Basic):** Ruby, Solidity
- **Related Technology:**
 - **App:** React Native
 - **Website:** HTML, React.js
 - **Web 3:** Solidity, Hardhat, React.js

Projects

Software Engineering Project - <https://github.com/AnthonyBarrera116/SEP-GROUP-Mobile-App> – Recreational Football

- Mobile App for recreational football
- Make Teams, Coaches, Players, Games
- Tech stack: MongoDB, React Native, JavaScript

Loyola University Maryland
September 2019 – December 2023

Senior Project

[FI320 Calculator Website - https://github.com/AnthonyBarrera116/Senior-Project-FI320-Calculator-Website](https://github.com/AnthonyBarrera116/Senior-Project-FI320-Calculator-Website)

- Calculator for Finance (Time Value of Money, Bonds, Stocks, Capital Budgeting)
- User, History, Calculations
- Tech stack: MongoDB, HTML, JavaScript

Loyola University Maryland
January 2023 – May 2023

Crypto Token Project - <https://github.com/AnthonyBarrera116/Coin-Making-ERC-20-Token>

Making [ERC-20 Token](https://github.com/AnthonyBarrera116/Coin-Making-ERC-20-Token) and [Faucet](https://github.com/AnthonyBarrera116/Coin-Making-Faucet) - <https://anthonybarrera116.github.io/Coin/>

- Website – Faucet to drip an ERC-20 token
- Deploying contract on Sepolia Testnet
- Tech stack: Node.js, React.js, Solidity, Hardhat, JavaScript

Loyola University Maryland
January 2023 – May 2023

Courses

- CS 496: Senior Project
- CS 482: Software Engineering
- CS 484: Machine Learning
- CS 489.01: Intro to Quantum Computing
- CS 489.02: Cryptos and Blockchain
- CS 403: Discovering Info in Data
- CS 479: Intro Microprocess-Based Systems

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