**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/>

**EDUCATION**

**Loyola University Maryland** Baltimore, MD

*B.S in Computer Science* September 2019 - May 2023

*Minor in Statistics* September 2019 - May 2023

**New Jersey Institute of Technology** Baltimore, MD

*M.S in Computer Science September* 2023 – December 2024

**COMPUTER** **SKILLS**

*Languages* (Intermediate-Advanced knowledge): Python, Java, JavaScript, C, C++

*Related Tech*: HTML, React Native, React.js

*Software:* Skilled in Adobe photoshop, Adobe Premiere Pro, MobaXterm, Clion, Intellij IDEA, JetBrains PyCharm, jGRASP, Visual Studio Code, Android Studio

*Operating Systems:* Windows 10, Mac OS

**COMPLETED COURSEWORK**

Software Engineering/ Microprocessor-Based Systems/ Machine Learning/ Quantum Computing/ Cryptocurrencies and Blockchain/Computer Science Project 1/ Discovering Information in data

**PROFESSIONAL** **EXPERIENCE**

**Loyola University Maryland** Baltimore, MD

*Information Technology Support Specialist* September 2019 - Present

* 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** Various Rinks in NJ

*Hockey Referee* 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

**PROJECTS**

**Software Engineering Project -** [**https://github.com/AnthonyBarrera116/SEP-GROUP**](https://github.com/AnthonyBarrera116/SEP-GROUP)Loyola University Maryland

[*Mobile App*](https://github.com/AnthonyBarrera116/SEP-GROUP) *– Recreational Football* Sep 2022 – Dec 2022

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

**Senior Project -** [**https://github.com/AnthonyBarrera116/Senior-Project**](https://github.com/AnthonyBarrera116/Senior-Project)Loyola University Maryland

[*FI320 Calculator Website*](https://github.com/AnthonyBarrera116/Senior-Project)Jan 2023 – May 2023

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

**Crypto Token Project -** [**https://github.com/AnthonyBarrera116/Coin**](https://github.com/AnthonyBarrera116/Coin)Loyola University Maryland

*Making* [*ERC-20 Token*](https://github.com/AnthonyBarrera116/Coin) *and* [*Faucet - https://anthonybarrera116.github.io/Coin/*](Faucet%20-%20https://anthonybarrera116.github.io/Coin/)Jan 2023 – May 2023

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