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Anthony J. Barrera

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Website: https://anthonybarrera116.github.io/Ajbarr.github.io/
Age: 22

Education

Loyola University of Maryland   Baltimore, MD
B.S in Computer Science   September 2019 - May 2023
Minor: Statistic   September 2019 - May 2023

New Jersey Institute of Technology   Newark, NJ
M.S in Computer Science   September 2023 – December 2024

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

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

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Projects

Software Engineering Project - https://github.com/AnthonyBarrera116/SEP-GROUP   Loyola University Maryland
Mobile App – *Recreational Football*   September 2019 – December 2023
- Mobile App for recreational football
- *Make Teams, Coaches, Players, Games*
- Tech stack: MongoDB, React Native, JavaScript

                                                                                                     Loyola University Maryland
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Senior Project
FI320 Calculator Website - **https://github.com/AnthonyBarrera116/Senior-Project**
- *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   Loyola University Maryland
Making ERC-20 Token and Faucet - https://anthonybarrera116.github.io/Coin/   January 2023 – May 2023
- *Website – Faucet to drip an ERC-20 token*
- *Deploying contract on Sepolia Testnet*
- Tech stack: Node.js, React.js, Solidity, Hardhat, JavaScript

Courses

- *CS 496: Senior Project*   Loyola University Maryland

- *CS 482: Software Engineering*   Loyola University Maryland

- *CS 484: Machine Learning*   Loyola University Maryland

- *CS 489.01: Intro to Quantum Computing*   Loyola University Maryland

- *CS 489.02: Cryptos and Blockchain*   Loyola University Maryland

- *CS 403: Discovering Info in Data*   Loyola University Maryland

- *CS 479: Intro Microprocess-Based Systems*   Loyola University Maryland