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| **Anthony J. Barrera**  Email: [ajbarrera@loyola.edu](mailto:ajbarrera@loyola.edu)  Phone: 201-232-6304  LinkedIn: [Anthony Barrera - https://www.linkedin.com/in/anthony-barrera-93a361190/](Anthony%20Barrera%20-%20https://www.linkedin.com/in/anthony-barrera-93a361190/)  GitHub: [AnthonyBarrera116 - https://github.com/AnthonyBarrera116](https://github.com/Anthonybarrera116)  Website: <https://anthonybarrera116.github.io/Ajbarr.github.io/>  Age: 22 |  |

# Education

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| **Loyola University of Maryland**  B.S in Computer Science  Minor: Statistic  **New Jersey Institute of Technology**  M.S in Computer Science | Baltimore, MD  September 2019 - May 2023  September 2019 - May 2023  Newark, NJ  September 2023 – December 2024 |

# Professional Experience

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| **Loyola University Maryland**  *Information Technology Support Specialist*   * 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*   * 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 | Baltimore, MD  September 2019 - Present  Various Rinks in NJ  July 2016 – September 2022 |

# Skills

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| * **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

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| **Software Engineering Project -** [**https://github.com/AnthonyBarrera116/SEP-GROUP**](https://github.com/AnthonyBarrera116/SEP-GROUP)  [*Mobile App*](https://github.com/AnthonyBarrera116/SEP-GROUP) *– Recreational Football*   * Mobile App for recreational football * *Make Teams, Coaches, Players, Games* * Tech stack: MongoDB, React Native, JavaScript   **Senior Project**  [*FI320 Calculator Website*](https://github.com/AnthonyBarrera116/Senior-Project) *-* [**https://github.com/AnthonyBarrera116/Senior-Project**](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**](https://github.com/AnthonyBarrera116/Coin)  *Making* [*ERC-20 Token*](https://github.com/AnthonyBarrera116/Coin) *and* [*Faucet - https://anthonybarrera116.github.io/Coin/*](Faucet%20-%20https://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  September 2019 – December 2023  Loyola University Maryland  January 2023 – May 2023  Loyola University Maryland  January 2023 – May 2023 |

# Courses

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| * *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* | Loyola University Maryland  Loyola University Maryland  Loyola University Maryland  Loyola University Maryland  Loyola University Maryland  Loyola University Maryland  Loyola University Maryland |