Anthony J. Barrera
ajbarr116@gmail.com| 201-232-6304
132 W. 31st St. Bayonne, NJ, 07002
LinkedIn: Anthony Barrera - https://www.linkedin.com/in/anthony-barrera-93a361190
GitHub: AnthonyBarrera116 - https://github.com/AnthonyBarrera116
Website: https://anthonybarrera116.github.io/Ajbarr.github.io/

EDUCATION

Loyola University Maryland <div align="right">Baltimore, MD</div>
Bachelor of Science in Computer Science <div align="right">September 2019 - May 2023</div>
Minor in Statistics <div align="right">September 2019 - May 2023</div>

New Jersey Institute of Technology <div align="right">Newark, NJ</div>
Master of Science in Computer Science <div align="right">September 2023 - Present</div>

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, Oracle, XAMPP, SQL Developer, Arduino IDE
Operating Systems: Windows 10, Mac OS

COMPLETED COURSEWORK
Software Engineering/ Microprocessor-Based Systems/ Machine Learning/ Quantum Computing/ Cryptocurrencies and Blockchain/Computer Science Project / Discovering Information in data/ Operating Systems Design/ Data Management Systems Design/ Internet and Higher layer Protocols

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PROFESSIONAL EXPERIENCE

Loyola University Maryland <div align="right">Baltimore, MD</div>
Information Technology Support Specialist <div align="right">September 2019 – May 2023</div>
- 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 <div align="right">Various Rinks in NJ</div>
Hockey Referee <div align="right">July 2016 – September 2022</div>
- 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

New Jersey Institute of Technology <div align="right">Newark, NJ</div>
User Services Support Specialist <div align="right">September 2023 – December 2023</div>
- Analyze, troubleshoot, and evaluate technology issues for students and faculty on Campus
- Provide support and assistance to keep campus technology optimized and running efficiently
- Configured hardware, devices, and software to set up workstations for students and faculty.

PROJECTS

Software Engineering Project - https://github.com/AnthonyBarrera116/SEP-GROUP <div align="right">Loyola University Maryland</div>
Mobile App – Recreational Football <div align="right">Sep 2022 – Dec 2022</div>
- Mobile App for recreational football
- *Make Teams, Coaches, Players, Games*
- Tech stack: MongoDB, React Native, JavaScript

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

Zoo Database - https://github.com/AnthonyBarrera116/DATA-Manage <div align="right">New Jersey Institute of Technology</div>
Making of a zoo database of SQL, Front-End, Back-End and HTML Pages <div align="right">Sep 2023 – Dec 2023</div>
- *Website for signing into database*
- *Several functions like adding new employee, animal and more*
- Tech stack: HTML, Python, XAMPP