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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

New Jersey Institute of Technology*User Services Support Specialist*Newark, NJ
September 2023 – December 2023

- 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.

Skills

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

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>

- *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 and 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

Zoo Database - <https://github.com/AnthonyBarrera116/DATA-Manager>

Making of a zoo database of SQL, Front-End, Back-End and HTML Pages

- *Website for signing into database*
- *Several functions like adding new employee, animal and more*
- Tech stack: HTML, Python, XAMPP

New Jersey Institute of Technology
Sep 2023 – Dec 2023

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
• CS 630: Operating Systems Design	New Jersey Institute of Technology
• CS 656: Internet and Higher Layer Protocols	New Jersey Institute of Technology
• CS 631: Data Management Systems Design	New Jersey Institute of Technology