Anthony J. Barrera

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EDUCATION

Loyola University Maryland   Baltimore, MD

Bachelor of Science in Computer Science   May 2023
Minor in Statistics   May 2023

COMPUTER SKILLS

Languages (Intermediate-Advanced knowledge): Python, Java, JavaScript , C, C++
Related Tech: HTML, React Native
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

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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   Loyola University Maryland
Mobile App – Recreational Football   Sep 2022 – Dec 2022
- Mobile App for recreational football
- *Make Teams, Coaches, Players, Games*
- Tech stack: MongoDB, React Native, JavaScript

Senior Project   Loyola University Maryland
FI320 Calculator Website   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   Loyola University Maryland
Making ERC-20 Token and Faucet   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