

Anthony Barrera

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Education

Loyola University of Maryland

B.S Computer Science

Minor: Statistics

Baltimore, MD

May 2023

May 2023

Professional Experience

Loyola University Maryland

Information Technology Support Specialist

Baltimore, MD

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

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

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

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

Course Work

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|---|----------------------------|
| • CS 496: Senior Project
Spring 2023 | Loyola University Maryland |
| • CS 482: Software Engineering
Spring 2023 | Loyola University Maryland |
| • CS 484: Machine Learning
Spring 2023 | Loyola University Maryland |
| • CS 489.01: Intro to Quantum Computing
Spring 2023 | Loyola University Maryland |
| • CS 489.02: Cryptos and Blockchain
Spring 2023 | Loyola University Maryland |
| • CS 403: Discovering Info in Data
Fall 2023 | Loyola University Maryland |
| • CS 479: Intro Microprocess-Based Systems
Fall 2023 | Loyola University Maryland |
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