Nolan MacLear

1109 NE 5th Pl, Gainesville, FL ■ nmaclear9@gmail.com ■ (561) 303-5561

Education

B.S. Computer Science
University of Florida – Gainesville, Florida
Coursework: Calculus, Physics, Operating Systems, Programming 2, Discrete Math, Data Structures, Engineering Lab (Arduino)
Expected Graduation: Spring 2025

Leadership

FCAAC – Florida Alternative Asset Club – Directory of Technology   **September 2021 – January 2021**
- Presented multiple times on cryptocurrency basics and blockchain technology
- Tutored new members in basic solidity contract programming

Delta Chi – Social Chair   **November 2023 - Present**

Experience

WHYC – Watch Hill Yacht Club   **May 2022 - August 2022**
- Gained experience as a server, busser, and bartender

criblytics.web.app – **Website – Open-Source**   **October 2022 –Present**
- Created using React, Tailwind, PHP, JavaScript, and CSS
- Simple platform to analyze different areas as rental properties without the need for excel sheets
- Gained 30 users in 1 month and over 400 properties individually analyzed

Treedom.io – **Website - (Inactive)**
- Non Fungible Token Project written using vanilla JavaScript, HTML and CSS. Utilized Web3 connectivity and wallet functionality

Mooreleonhardt.com – **Website Design**
- Designed in wordpress with custom PHP plugins

Github Portfolio – (github.com/nmacl)
- Custom solidity smart contract designed for escrow transactions
- Over 11 years of Java application development, including developing and managing a large-scale online server
- Created a custom website using tailwind, react, and vite template designed for modeling consultants

Pathfinders – Group Project
- In a team project, I honed my skills in JavaScript, Python Flask, and algorithms, utilizing React, Tailwind, and Vite with OpenStreetMap data

Technical Support
- Obtained the **CompTIA A+** certification and performed freelance work for individuals in my community

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Computer Skills – Java, JavaScript, C++, C#, HTML, CSS, PHP, Python, React, PostgreSQL, MongoDB, Firebase, Vue, Unity, Blender, Photoshop, Word, Excel, RapidAPI, GitHub, Git, Bash, Powershell, pgAdmin 4, Firebase, PHP, FTP, SSH, Cloud Functions & Services, Canva, Figma, AWS