

# MATTHEW CARTER

Github.com/0xDegenDeveloper

## Education

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*University of Virginia*

Aug 2018 - Dec 2021

Bachelor of Computer Science

Charlottesville, Va

**Courses:** Algorithms, Data Structures, Web Development, Cloud Computing, A.I.

## Skills

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**Languages:** Javascript, Solidity, Cairo

**Technologies:** React, Node, Git, Blockchain (EVM/L2, ethers.js, scarb)

## Professional Experience

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Full-Stack Developer – Founder, Sole Employee

*NovemberFork*

Nov 2021 - Present

Landing Page for Clients & Ongoing Projects

Virginia Beach, Va

- Designed and coded interactive frontend, graphics components, and smart contracts.
- Contracted with two clients to create a token-gated business consultancy dApp and an ERC-721/1155 token & staking dApp.
- Live at <https://NovemberFork.io/>

Full-Stack Developer – Project Founder, Sole Employee

*RabbitHoles*

May 2022 - Present

On-Chain Discussion Board

Virginia Beach, Va

- Designed and coded the (React) frontend and (Cairo) smart contracts.
- Received grants from the Starkware Foundation to develop the project using the Cairo coding language on the Starknet L2.
- Demo live at <https://Rbits.space>

Web3 Software Developer – Core Development Team

*OmniMint*

April 2022 - April 2023

NFT Aggregator and Data Analytics Company

Virginia Beach, Va (remote)

- Wrote (Solidity) smart contracts and (Javascript) transaction encoders for processing batch (NFT) orders as single transactions.
- Contributed to off-chain data aggregation, identified APIs for order fulfillment data, built systems to fetch/filter/combine these data.
- Acquired understanding of marketplace protocols across different (EVM) networks.
- Assisted backend team with paginating endpoints for performance/scalability.
- Assisted management with product development and decision-making.
- Production halted due to funding.

## Interests

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Computer Science • Cryptography • Breathwork • Hiking • Surfing • Music