JOSH WEINTRAUB

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Education

Georgia Institute of Technology, Atlanta, GA   *M.S., May 2023*

- Program: Masters of Cybersecurity in Computer Science, GPA: 3.83
- Thesis: *ERC-6506, Permissionless Escrowed Governance Incentives for Blockchain-Based Organization*

University of Georgia, Athens, GA   *B.S., May 2021*

- **Major**: Computer Science   **Emphasis**: Cybersecurity & Information-Systems
- **Honors**: Graduate Magna Cum Laude (3.78 GPA), HOPE Scholarship, Richard Russel Scholarship for Excellence in Debate, 2021 Cross-Examination Debate Association National Debate Scholar

Professional Experience

Revest Finance, Atlanta, GA   April 2022 – Present

Web3 Decentralized-Finance (DeFi) company specializing in digitizing financial-instruments, vesting contracts, cashflow systems, and probate asset management. Revest also operates Resonate Finance, a protocol offering Yield-Futures, Inter est-Rate derivatives, and Bonds for both digital and Real-World Assets (Revest.Finance & Resonate.Finance)

Senior Solidity Developer

- Chief developer, with responsibility for shepherding projects through entire software lifecycle from conception to deployment.
- Responsible for building and launching primary decentralized applications on EVM-Compatible networks
- Code secure smart contracts in Solidity, while designing/operating security infrastructure, as well as coordinating and reviewing audits with external security consultants.
- Hire, train, and manage a team of developers across the full technology stack and defined internal code policies.
- Liaison between engineering and sales/business-development teams to identify most efficient products to launch and their associated marketing strategies.
- Network with potential investors and form strategic partnerships. Responsible for bringing in several strategic partnerships and integrations.

PWC, Atlanta, GA   May 2022 – August 2022

Price-Waterhouse-Coopers, a Big-Four public accounting firm and 2nd largest professional-services network in the world, offering cybersecurity consulting services for enterprise clients across the globe. (PWC.com)

Cybersecurity Consulting Intern

- Helped Build Secure DevOps deployment pipeline to be utilized by all engineering teams across the organization
- Architected and deployed the pipeline on a hybrid-cloud deployment structure with AWS and Google-Cloud.
- Interfaced Directly with clients to gather requirements and verify development milestones
- Implemented Static Code Analysis scans using Veracode and Jenkins deployments with PowerShell and Bash
- Wrote detailed documentation for the client on deliverables including security best-practices and onboarding/offboarding procedures for employees, codebases, and deployments.

Nethermind, London, England (REMOTE)   Jun 2021 – Aug 2021

Blockchain Technology Company providing a variety of digital products and solutions for the Ethereum Cryptocurrency Platform, including security auditing, decentralized applications, and various consulting services. Funded by an Ethereum Foundation grant, Nethermind produces and maintains its flagship C# Ethereum Client. (Nethermind.io)

Blockchain Engineering Intern

- Helped build, test, and deploy Ethereum-base decentralized applications in Solidity using Hardhat and Truffle.
- Strong familiarity with Decentralized-Finance (DeFi), Governance (DAO), Layer 1 & 2 Blockchains, tokenization, etc.
- Engaged in remote administration services for blockchain nodes and other cryptocurrency infrastructure.
- Contributed to development of open-source codebases with several pull-requests merged into production code.
- Conducted Smart-Contract security-audits, while helping build an automated system to enhance efficiency.
- Helped build a domain-specific programming language for efficient querying and organization of blockchain data.

Hub Security, Tel Aviv, Israel   Jun 2019 – Aug 2019

Blockchain technology startup for digital asset security. Utilizing hardware and software with integrated state of the art cryptography solutions to secure cryptocurrency assets from unwanted intruders for corporations and exchanges. (HubSecurity.io)

Blockchain Software Engineering Intern

◆ Helped build custom Hardware-Security-Module (HSM) for securing digital-assets remotely.
◆ Created and deployed Node.JS applications for hardware device testing.
◆ Worked with Business team to test product for deployment.
◆ Utilized public-key cryptography for secure information exchange between hardware devices.
◆ Implemented Ethereum Blockchain technology to test and deploy smart contracts.
    o Signing and initiating Ether Coin Transactions with Web3 API
    o Experience with ERC20 and ERC721 Token Standards
    o Building and deploying Ethereum Smart Contracts
◆ Networked with Investors to explain product and industry.
◆ Skills learned: Deep understanding of Cryptocurrency and Blockchain technology, communication in an international business environment.

Pinnacle Promotions, Norcross, GA   **May 2018 – Aug 2020**

$35M privately held U.S. distributor of promotional products, imprinted apparel and fulfillment services for corporations. Specializing in small company e-commerce transactions and online stores for medium/large organizations. (pinnaclepromotions.com / pinnaclebrandedsolutions.com)

IT Help Desk and Full-Stack Web Development Intern

◆ Created and deployed full-stack websites in JavaScript/PHP/SQL using Google OAuth.
◆ Worked with VP of IT and Sr. Development Team to roll out and maintain web-based services.
◆ Attended daily stand-up and weekly sprint development cycle meetings.
◆ Responsible for file-system cleanup (Bash/Python).
◆ Migrated Web Applications into Salesforce using Apex and VisualForce.
◆ Rebuilt and de-provisioned hardware inventory system in Jira.
◆ Maintained and updated legacy code for current enterprise systems.
◆ Implemented and advised on best security practices for hardware and software.
◆ Familiarity with digital infrastructure technology, including AWS, Docker, Linux, and ESXI/Hypervisor.

Campus and Community Involvement

Georgia Debate Union, President, Captain   **Aug 2017 – May 2021**

◆ Competed at national and regional tournaments.
◆ Nationally ranked in United States, Top-25 overall.
◆ 3-time National Championship attendee.
◆ Coordinated and participated in on-campus debate team appearances.
◆ Researched and prepared diverse arguments and strategies.

Skills

Computer Languages: Solidity, Typescript, Python
Development Technology: Microsoft Office, Jira, Salesforce, Linux, AWS, Azure DevOps
Miscellaneous: Public Speaking, Interpersonal Communication, Formal Research and Technical Writing

Certifications and Personal Projects

CompTIA SY-601 Security+   ID: HY8SWTQF4KQQ1LCV
Basis Technologies Autopsy Forensic Proficiency   ID: hqfjurrq3b

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LinkedIn: https://www.linkedin.com/in/joshua-weintraub-b75822101/
Website: https://jhweintraub.com/