

Joshua Harris Weintraub

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Education

University of Georgia, Athens, GA

B.S. 2021

- **Major:** B.S. 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

Georgia Institute of Technology, Atlanta, GA

M.S Expected 2023

- Program: Master's of Cybersecurity in Computer Science

Work Experience

Nethermind, Remote, London, England

6/2021 – 8/2021

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)

Position: 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.
- Worked in a remote-only environment with international clients and co-workers.

Hub Security, Tel Aviv, Israel

6/2019 – 8/2019

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),

Position: 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.
 1. Signing and initiating Ether Coin Transactions with Web3 API
 2. Experience with ERC20 and ERC721 Token Standards
 3. 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, Inc., Norcross, GA

5/2018 – 8/2020

\$35M, 100 employees, 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).

Position: IT Helpdesk and Full-Stack Web Development Intern

- Created and deployed full-stack websites in JavaScript/PHP/SQL using Google OAuth
- Worked with V.P. 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 update legacy code for current enterprise systems.
- Implement and advise on best security practices for hardware and software.
- Familiarity with digital infrastructure technology Including AWS, Docker, Linux, and ESXi/Hypervisor

Atlanta Urban Debate League, Johns Creek, GA

8/2017 – 1/2020

Metro and Urban Atlanta organization founded to promote debate among middle and high-school students.

Position: Debate Coach, Debate Judge, Research and Argument Writer

- Work with students in local high schools to promote Speech and Debate activities.
- Mentor and Coach 15+ high school students.
- Judge high school debate tournaments throughout Georgia.
- Chaperone high school students on overnight trips to tournaments.

Campus and Community Involvement

Georgia Debate Union, President, Captain

8/2017 – 5/2021

- Compete at national and regional tournaments
- Nationally Ranked in United States Top-25 Overall
- 3-Time National Championship Attendee
- Coordinate all and participate in on-campus debate team appearances
- Research and prepare diverse arguments and strategies

UGA Society for Cybersecurity, UGA, VP of Offensive Security

9/2017 – 5/2021

- Utilize online Penetration-Testing platforms to practice and enhance security skills
- Participate in Capture-The-Flag competitions against other Universities as part of official UGA Team.
- Provide resources to help students acquire technical security certifications
- Plan and attend lectures by senior faculty to educate on best security standards and practices

Skills

Computer Languages: JavaScript, PHP, Python, Java, C, C#, C++, Solidity

Frameworks: Node JS, Vue JS, Angular JS, Laravel, Typescript

Development Technology: Microsoft Office, Azure DevOps, Jira, Salesforce, Linux, AWS

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

Github: <https://github.com/jhweintraub>

LinkedIn: <https://www.linkedin.com/in/joshua-weintraub-b75822101/>

Personal Website, The Crypto Conundrum: <https://thecryptoconundrum.net>

1. Self hosted, deployed, and maintained site with a variety of web-development technologies and cloud services.
2. Engaged in extensive research and acquired significant experience investing in decentralized-assets and securities.
3. Written comprehensive technical and layman explanations of complex subjects in cryptocurrency.
4. Provided commentary on important current events in the cryptocurrency space.
5. Utilized google-analytics, social media, and various marketing strategies to grow consumer-base.