

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 Spring 2023

- **Program:** Master's of Cybersecurity in Computer Science
- **GPA: 3.83**

Work Experience

Revest Finance, Atlanta, Georgia

4/2022 – Present

Web3 Decentralized-Finance (DeFi) company built on Ethereum and specializing in digitizing financial-instruments and activities including Wills, Trusts, and Estates, Vesting Contracts, Cashflow Systems, etc. Revest also operates Resonate Finance, a protocol offering Yield-Futures and Bonds (Revest.Finance & Resonate.Finance)

Position: Sr. Developer

- Built, tested, and deployed several decentralized-finance (DeFi) applications using Solidity, Hardhat, and Foundry
- Worked directly with security-auditing teams to identify and patch security-vulnerabilities.
- Oversaw the hiring, development, and mentorship of multiple interns.
- Coordinated interactions between engineering and sales/business-development teams to identify most efficient products to launch and their associated marketing strategies.
- Traveled domestically and internationally to network with potential investors and form strategic partnerships. Directly responsible for several strategic partnerships and outside investments.

PWC, Atlanta, Georgia

4/2022 – Present

PricewaterhouseCoopers, 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)

Position: 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.
- Worked in a highly structured and professional office-environment

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 embedded-hardware devices.
- Utilized the Ethereum Blockchain to test and deploy smart contracts.
- Networked with international investors to explain product and industry.

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 / pinnaclebrandsolutions.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

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

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>