

# Ethan Resnick

IT Infrastructure · Linux Ops · Network Security

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## SUMMARY

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17-year-old infrastructure and cybersecurity engineer with real production experience building DDoS mitigation systems, provisioning VPS infrastructure, and performing hands-on work at enterprise data centers including Equinix Miami and multiple 365 facilities. Founder of two active companies. Cloudflare enterprise partner since age 14. Contributing threat intelligence to an active federal investigation in collaboration with Brian Krebs. Comfortable with everything from eBPF filter development to physical server rack work.

## EXPERIENCE

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**Layer7** | *Owner / Founder* | February 2024 – Present

<https://l7.gg>

- Operate own autonomous system (AS40662), upstreaming through AS399486, with 1Tb+ of on-site network capacity
- Maintain Cloudflare enterprise-level partnership in support of platform infrastructure
- Research and development of L3–L7 DDoS mitigation strategies
- Developed proprietary eBPF / XDP mitigation filters deployed in production against live attack traffic
- Implement PoW admission / challenge flow for high-volume HTTP traffic; platform rated at 275M+ RPS capacity
- Build detection heuristics to identify botnet signatures and anomalous behavioral patterns
- Mitigated a 2.62B PPS / 1.4 Tbps L4 DDoS attack with zero packet loss or disruption (May 2025)
- Mitigated sustained 1B PPS Layer 4 attack for 16 consecutive minutes without disruption (April 2025)
- Battle-tested against real-world botnets including Meris, Gorilla, and Mirai variants
- Contributing threat intelligence to an active federal law enforcement investigation in collaboration with Brian Krebs and industry researchers

**Corerack** | *Owner / Founder* | August 2025 – Present

<https://corerack.net>

- Provision VPS nodes, manage OS-level configuration, and optimize network path efficiency
- Support customer deployments, debugging, and performance tuning
- Participate in scaling infrastructure and capacity planning initiatives for hosted workloads
- Currently operating in Fairfax; expanding into Miami and Boston

**On-Site DC Work (Multiple Facilities)** | *Data Center Technician* | 2024 – Present

- Performed hands-on infrastructure work at enterprise-grade data centers across the East Coast
- Facilities include: 365 Boca Raton, 365 Fort Lauderdale, 365 Boston, imcritical Miami, and Equinix Miami
- Tasks include hardware installation, cabling, server provisioning, and physical infrastructure support

**Advance Turning & Manufacturing** | *Proactive Vulnerability Disclosure* | May 2025

- Independently identified serious website security vulnerabilities without being asked or contracted
- Provided company leadership with a detailed risk analysis and remediation guidance
- Received formal letter of recognition from John Rappleye, President of Advance Turning & Manufacturing, Inc.

**Trillium Host** | *Owner / Founder* | August 2022 – November 2024

- Provisioned VPS instances, installed OS images, and configured networking for customer deployments
- Assisted customers with troubleshooting (latency, routing, config errors)
- Worked directly with production servers and real paying clients
- Sold in November 2024 at a profit

## SKILLS

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Layer 7 / Layer 4 DDoS Mitigation · eBPF / XDP Packet Path Development · Firewalling & Packet Filtering (iptables / nftables) · Network Engineering (TCP/IP, DNS, Routing, GRE) · Proxmox / KVM Virtualization & VPS Provisioning · Linux

Administration · Cloudflare Products & Enterprise Configuration · Juniper Networking Hardware · Application Traffic Analysis & Behavior-Based Detection · Secure Email Authentication (SPF, DKIM, DMARC) · IT Troubleshooting & Support · Web Hosting & Server Administration

## CERTIFICATIONS

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**CompTIA A+** — *CompTIA* (August 2024)

**CompTIA Network+** — *CompTIA* (August 2024)

**CompTIA Security+** — *CompTIA* (September 2024)

**ISC2 Certified in Cybersecurity (CC)** — *ISC2*

**Certified Data Center Technician** — *Schneider Electric*

**Cyber Threat Management** — *Cisco Networking Academy* (October 2024)

**Network Defense** — *Cisco Networking Academy* (October 2024)

**Endpoint Security** — *Cisco Networking Academy* (October 2024)

**Ethical Hacking (Intro)** — *Cisco Networking Academy* (October 2024)

**Networking Basics** — *Cisco Networking Academy* (October 2024)

**Networking Devices & Initial Configuration** — *Cisco Networking Academy* (October 2024)

**Cyber Security Awareness Professional (CSAP)** — *CertiProf* (December 2024)

## EDUCATION

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**Florida SouthWestern State College (FSW)** | *Dual Enrollment — College Coursework* | Current

- Actively enrolled in college-level coursework while completing high school

**Florida Gulf Coast University (FGCU)** | *Resnick Wynn Family Business Conference* | 2022 - Present

- Attendee since age 11 — networked with Steve Forbes, Dr. Jeremy Siegel (Wharton School economist), and senior business leaders across industries

**Florida Virtual School (FLVS)** | *Cybersecurity / IT Foundations Coursework* | August 2023 - Present

- Accelerated coursework with cybersecurity & IT focus; dual-enrollment aligned
- GPA: 4.0 — strong academic performance in tech-aligned subjects

## VOLUNTEERING

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**Taekwondo - Integrity ATA** | *ATA Legacy Specialist Instructor* | March 2024 - Present

- Judged tournaments and national-level competitive events alongside Grand Master Tony Isaacs
- Taught classes, helping instruct students in technique and form

## REFERENCES

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**Jordan Moisan-Bergeron** — VIRTUO NETWORKS (AS399486), Upstream Network Provider

**Joshua Anschütz** — CTO/COO, Blockchain Creek BV / ServCity DDoS Mitigation

**Joseph Suresky** — Dealer Principal, Suresky Auto Group (est. 1916, Goshen, NY)

**John Macchia, Sr.** — Advance Turning & Manufacturing

**Master Santos Flores** — Taekwondo School Manager, Integrity ATA