

Tadeo Hernandez

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Education

University of Delaware (Expected May 2029)
Bachelor of Science in Electrical Engineering

Indian River High School May 2025
GPA: 3.9 (Unweighted), 4.4 (Weighted)

Projects

Self-Hosted Cloud Server www.teohdg.com

- Repurposed an old laptop into a Linux-based web server using Nginx, Tailscale VPN, and Cloudflare DNS for secure, scalable access.
- Deployed a self-hosted Nextcloud instance to enable private, scalable file storage and synchronization.
- Gained hands-on experience with Linux administration, web hosting, DNS management, and secure network tunneling, applying core principles of distributed and resilient infrastructure.

Automated Social Media Interaction Bot www.github.com/teohdg/snapbot

- Created a Python/Selenium automation tool to perform repetitive web tasks, including dynamic element handling and task scheduling.
- Developed practical skills in browser automation, debugging, and workflow optimization for efficient task management.

Extracurriculars

RISE Program (Resources to Inspire Successful Engineers) September 2025 – Present

- Built early engineering career readiness through mentorship and networking events.

Cybersecurity Scholars August 2025 – Present

- Selected for a competitive program emphasizing algorithms, penetration testing, and cybersecurity entrepreneurship through hands-on technical and business-focused projects.

Society of Hispanic Professional Engineers (SHPE) August 2025 – Present

- Supported chapter growth by securing hospitality suite access for members and attending networking workshops.

Experience

Busser, Foodrunner, Server, Expeditor, SoDel Concepts Bethany Beach, DE, May 2024 – Present

- Trained 15+ new hires on POS and service standards; assisted with shift leadership.
- Handled 400+ covers per shift during high-volume service.

Business Owner, FullCloset November 2023 – May 2024

- Founded and operated FullCloset (affiliate marketing). Generated \$8,000+ net revenue over 7 months.
- Produced video content with 500,000+ cumulative views across TikTok and YouTube.
- Developed business insights, marketing analytics, and technical automation skills transferable to engineering projects.

Skills

- Programming & Development: Python, HTML, CSS, Git/GitHub
- Design: Adobe Creative Suite (Photoshop, Illustrator), Autodesk Fusion 360
- Systems & Networking: Linux Server Administration, Tailscale VPN, Cloudflare DNS, SSH Remote Access, Local Web Hosting (Nginx), Basic Bash Scripting, Networking Fundamentals (DNS, IP, Port Forwarding)