

LALITH ESHWAR DASA

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EDUCATION

Independence High School & Academies of Loudoun — Class of 2027

Weighted GPA: 3.84 | SAT: 1360 (750 Math) | AP: Calculus BC 5, Psychology 5, World History: Modern 4

Advanced Coursework: Multivariable Calculus, AP Physics C: Mechanics, AP Computer Science A, AP English Literature, Advanced Cybersecurity Operations

LEADERSHIP & EXPERIENCE

Founder & Executive Director | IndyHAX

2026–Present

- Founded and led Independence's student-run cybersecurity CTF/hackathon for 80+ students across multiple schools; owned sponsor outreach, registration, website, scoring, logistics, volunteer coordination, and live operations.
- Created 150+ cybersecurity challenges across cryptography, forensics, reverse engineering, web, and networking; secured \$3,000+ in sponsorship and event support.

Cyber Club President / CyberPatriot Captain | Independence High School

2023–Present

- Teach cybersecurity lessons, mentor beginners, organize competition teams, and build Windows hardening workflows and scripts; three-time CyberPatriot semifinalist with one Gold and two Platinum appearances.

Competitor, Team Lead & Resource Developer | Future Business Leaders of America

2024–Present

- Won Virginia state in Management Information Systems and qualified for NLC; built preparation frameworks/resources for the school chapter and coached teammates through technical and role-play events.

Lead Workshop Director & Organizer | Cyber Summit

2026

- Organized a 50+ student cybersecurity summit, recruited 20+ attendees, and designed/taught industrial IoT penetration-testing workshops using a simulated chemical-plant environment.

Volunteer Tutor | UPchieve

2023–Present

- Provide free math, science, and test-preparation tutoring; earned repeated 5/5 student feedback and 'favorite tutor' recognition.

TECHNICAL PROJECTS

LogLens — C++ Developer | Current C++ log-analysis program that parses structured logs, filters by

severity/user/IP/keyword, extracts incident details, tracks failed logins, and assigns risk levels to surface suspicious activity quickly.

Atlas / FBLAHelper — Founder & Product Developer | Built a student networking platform and ~200-question

FBLA/cybersecurity preparation bank; personally authored ~150 questions with hints, validation logic, and learning material used by ~100+ peers.

CyberPatriot Windows Automation — PowerShell / Security | Developed repeatable auditing and hardening scripts to accelerate Windows security checks, account/service review, configuration fixes, and competition troubleshooting while preserving required services.

GMU Drone Cyber Competition Tooling — Technical Lead | Built drone-control UI/scripts and handled ARP-spoofing, CTF, and QR-navigation tasks as part of the team that placed 1st overall against 11 collegiate teams.

AWARDS & COMPETITIONS

- FBLA Management Information Systems — 1st Virginia State, 3rd Regionals, NLC qualifier; previously 4th Virginia State. FBLA Cybersecurity — 1st Regionals.
- picoCTF — 104th globally as a solo competitor among 8,747+ teams; CyberStart America — National Cyber Scholar with ~125,000 points.
- Divergent Hackathon — 2nd Place, Advanced Division; Commonwealth Cyber Cup — 8th Place; Radford University CTF — Top-10 finish.
- George Mason University Drone Cyber Competition — 1st overall against 11 collegiate teams; featured by Loudoun Now and Education Week Market Brief.

ADDITIONAL LEADERSHIP & CREATIVE WORK

Mock Trial — Witness Training & Technology Lead | Helped rebuild the school team through recruitment, witness preparation, case analysis, and AI-assisted practice tools for testimony and delivery.

Independent Photography — Photographer | Shoot and edit portraits, events, and landscapes in RAW using Darktable; built a portfolio of 500+ photos used by peers for profiles and events.

CERTIFICATIONS & TECHNICAL SKILLS

Certifications: GIAC Foundational Cybersecurity Technologies (GFACT); Pearson/Certiport IT Specialist - Networking; IT Specialist - Network Security; IT Specialist - Cybersecurity.

Programming / Tools: C++, Python, Java, PowerShell, JavaScript, HTML/CSS, Git, Kali Linux, nmap, dig, John the Ripper, ExifTool, command-line tooling.

Security: Windows auditing/hardening, networking, web security, digital forensics, cryptography, service enumeration, packet-capture analysis, DNS, SMB/SSH, scripting/automation, industrial/IoT security.