

Aden Muhamedagic

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SUMMARY

Cybersecurity Pentester and George Washington Carver Scholar specializing in web application security and manual vulnerability validation for international financial institutions. Founder of BosaTek with a background in Website-as-a-Service automation, combining a builder's mindset with a Top 3% global TryHackMe ranking and several elite CTF honors.

EDUCATION

Iowa State University | B.S. Cybersecurity Engineering Aug 2026 – Dec 2028 (expected)
Honors: George Washington Carver Scholastic Leadership Scholar (Full-Tuition Merit Award)
Activities: Hacking and Cybersecurity Club, Ski and Snowboard Club

Des Moines Area Community College Aug 2023 – May 2026
50 dual-credit units earned via Waukee Northwest High School; GPA: 3.85; Dean's List (2023–Present)
Focus: Completion of General Education requirements to prioritize specialized Cybersecurity Engineering at ISU.

Waukee Northwest High School | High School Diploma Aug 2022 – May 2026
GPA: 3.95; Activities: Future Business Leaders of America (Marketing Director), NHS, Soccer & Tennis, ACT: 32

EXPERIENCE

Cyber Testing – RSM US LLP (Internship) Incoming Summer 2026

- Selected for a competitive residency focusing on enterprise-scale vulnerability management and offensive security testing.

Cybersecurity Pentester – Secure Guard Consulting (Internship) Nov 2025 – Present

- Conducting ongoing web application penetration tests (5+ engagements to date) for international financial institutions.
- Map external attack surfaces using the OSINT Framework, Shodan, and Rustscan to identify entry points and exposed assets.
- Engineer specialized security agents by integrating Hexstrike MCP with Cursor to automate complex reconnaissance tasks and scale vulnerability discovery workflows.
- Execute manual vulnerability validation in Burp Suite Pro and deploy reviewed scripts from public vulnerability databases to confirm exploitability while maintaining strict in-scope compliance.
- Author comprehensive technical reports that translate complex exploitation chains into actionable remediation strategies for client stakeholders.

Founder – Bosatek (Website-as-a-Service) Sep 2023 – Present

- Manage a diverse portfolio of construction and non-profit clients, deploying WaaS solutions via GoHighLevel.
- Implement integrated donation systems via Givebutter and payment processing through Stripe and QuickBooks.
- Execute Google Business Profile, Google Maps SEO, and website SEO to maximize client search visibility.
- Develop custom brand assets and social media marketing materials using Canva and Google Workspace tools.

HONORS & TECHNICAL SKILLS

Achievements & Competitions

1st Place | ISU International Cyber Defense Challenge: Ranked 1st for Blue Team defense.

11th Place | CMU picoCTF 2026: Ranked 11th globally in a CTF covering Web, RevEng, Crypto, etc.

1st Place | LooCon 2026: Top-ranked regional CTF competitor; specialized in OSINT and WebEx.

Top 10 | National Team CyberSkyline: Ranked 6th in the High School division for national-level cybersecurity operations.

Active Competitor: NCL, Hack The Box (HTB), NSA Codebreakers, TryHackMe (Top 3% Global).

Technical Tooling & Programming

Security Tools: Hexstrike MCP, Cursor (AI Workflow), Burp Suite Pro, Rustscan, Nessus, Nmap.

Programming: Python, Bash, JavaScript, HTML, CSS.

Web & Automation: GoHighLevel, Givebutter, Google Workspace, Stripe, Canva.

Systems: Windows (Main), Linux (Kali/Ubuntu), Active Directory Foundations, Website SEO.

Design & Engineering: Proficient in Revit, Autodesk Fusion, Prusa Slicer, and Tinkercad.