

Javokhir Akhmadjonov

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EDUCATION

St. John's University, Queens, NY
Bachelor of Science in Cybersecurity Systems

GPA: 3.43/4.00
Expected Graduation: May 2026
Dean's List: 2022 - Present

TECHNICAL SKILLS

- **Programming Languages:** Python, Powershell, Java, JavaScript, TypeScript, HTML, CSS, SQL, Bash/Shell Script
- **Frameworks / Libraries:** Pandas, NumPy, scikit-learn, Next.js, Flutter, Flask, Snort, Wireshark, Nmap, AI/ML
- **Developer Tools & Platforms:** Tableau, Jupyter Notebook, AWS, Azure, GitHub, VS Code, VirtualBox, VMware
- **Operating Systems / Software:** Windows, macOS, Kali Linux, Ubuntu, KnowBe4, Splunk, Nessus, Microsoft Office
- **Certifications:** Google Foundations of Cybersecurity, CompTIA A+, CompTIA Security+ (Expected Sep 2025)
- **Spoken Languages:** English (Native) | Russian (Fluent) | Uzbek (Fluent)

EXPERIENCE

NASA L'SPACE NPWEE Academy – Autonomy, AI & Space Robotics Researcher (Remote) Sep 2025 - Present

- Protect autonomous robotic systems and ensure mission-critical software operates securely and reliably
- Implement end-to-end encryption and automate vulnerability testing, build modular software pipelines, and integrate AI/ML-based navigation and decision-making algorithms in collaboration with interdisciplinary teams
- Increase system resilience against cyber threats by 10%, improve robotic systems efficiency, reliability and performance by 15%, and reduce testing and incident response times by 20–25%, enabling safer, more adaptive autonomous space missions

Amazon – Data Engineering & AI/ML Extern (Remote) Aug 2025 – Oct 2025
(Operational Strategy & People Analytics Program, via Extern)

- Built Python-based ETL data pipelines using Pandas and NumPy to gather and process large-scale workforce datasets, improving data accessibility and accuracy for analytics teams across business units by 20%+
- Applied sentiment analysis and predictive modeling algorithms to detect patterns, anomalies, and operational trends in employee feedback, supporting data-driven workforce optimization and performance improvements strategies
- Created interactive dashboards and data visualizations in Python, Tableau and other analytics platforms to present machine learning-driven insights to cross-functional stakeholders, enabling faster and more informed decision-making

Maspeth Federal Savings Bank – IT Intern (Cybersecurity & Software Engineering), Maspeth, NY Jan 2024 – July 2024

- Developed and executed penetration testing scripts and vulnerability assessments using Kali Linux and custom tools, identifying critical weaknesses and delivering remediation strategies to reduce risks of exploitations
- Developed Python/PowerShell automation pipelines for software deployment, patch management, and system updates across 100+ endpoints, reducing manual workload by 40% and strengthening overall security posture.
- Scripted secure virtual machine environments to support remote development, testing, and software deployment workflows

PROJECTS

EchoSafe – 1st Place at SJU ACM x Headstarter Hackathon, [Github](#) Apr 2025

- Developed a Flask web app to track scammer voiceprints using a MySQL database and Python for secure audio uploads
- Used secure .mp3/.wav file uploads and built user-facing features for adding, searching, and playing audio recordings
- Simulated real-world scam scenarios, resulting in 150+ test recordings processed and first-place finish among 25+ teams

LEADERSHIP & INVOLVEMENT

CodePath – Intermediate Technical Interview Prep Program Sep 2025 - Present

- Selected for a competitive program sponsored by Amazon, Meta, Salesforce, and others, focused on algorithms, data structures, and problem-solving for SWE interviews. Leverage AI tools as a debugging partner and research assistant
- Practice technical interviews through mock sessions, whiteboarding, and coding challenges from senior engineers

CodePath – Intermediate Cybersecurity Program Sep 2025 - Present

- Explore real-world attack and defense techniques, with a focus on blue team operations such as threat detection
- Use AI-powered tools for planning, troubleshooting, and skill development, strengthening practical cybersecurity expertise
- Collaborate on hands-on labs and projects to analyze vulnerabilities and implement defensive security measures

ACM Club – Computer Science and Cybersecurity Club Sep 2023 - Present

- Organized technical discussions, hands-on labs focused on cybersecurity tools, ethical hacking, and emerging tech trends
- Collaborated on projects, applying problem-solving skills to develop software engineering and cybersecurity solutions