

Danial Alahmad

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EDUCATION

Michigan State University, College of Engineering- East Lansing, Michigan

3.677/4 GPA

Bachelor of Science, Computer Science

August 2022 - May 2026

Dean's list 2022, 2023, 2024, 2025, 2026

EXPERIENCE

Michigan State University Federal Credit Union- East Lansing, MI

Software Engineer Intern

May 2025 - May 2026

- Developed in an agile scrum environment in a team of 8 facilitating card and money movement products
- Wrote and documented code in multiple languages including Java, PowerOn, HTML, PHP, Bash
- Earned a certificate in OpCon, learned PowerOn programming and secure Java programming
- Employed tools such as GitLab, Bash, Postman, Enterprise Manager, Quest, RepDev, IntelliJ, Jira, etc
- Communicated across 15+ IT teams and departments to troubleshoot ticket and technical issues
- Shadowed 3 other departments including ethical hacking, Talent Acquisition, and Security
- Held 3+ meetings weekly with business to refine needs and requirements for products

Michigan State University Federal Credit Union- East Lansing, MI

Service Desk Intern

January 2025 - May 2025

- Provided superior IT service to MSUFCU employee's supporting the 2 HQ buildings and 36 branches
- Imaged hundreds of computers, decommissioned devices, recording inventory, and recycling e-waste
- Managed asset levels and collaborated with 2 vendors to repair impacted workstations and printers
- Ensured equipment is stocked in correct storeroom and organized, coordinated with 4 other interns
- Undertook various projects or support tasks such as relocating 200+ assets between buildings

PROJECTS

Ally Financial Fraud Transaction Dashboard MSU Capstone- East Lansing

Developer

January 2026 - May 2026

- Collaborated with a team of 6 to design and deliver a full-stack real-time fraud detection dashboard for Ally Financial, featuring risk scoring, AI-powered explanations, analytics, and geolocation visualization
- Engineered a React/TypeScript/Tailwind frontend with TanStack Table, infinite scroll, live polling, and Recharts analytics for monitoring fraud trends
- Architected a Python/Flask REST API backed by PostgreSQL with cursor-based pagination and a synthetic transaction data generator used to create thousands of synthetic transactions
- Spearheaded database integration, establishing PostgreSQL schema and connectivity, and led development of analytics page

SpartaHack 11 | Volunteer Matchmaker- East Lansing

Developer

February 2026

- Constructed a full-stack volunteer-matchmaking platform at SpartaHack XI, connecting community members to nearby volunteers via skill and location-based matching
- Featured swipe-based job discovery, real-time chat, AI-assisted job posts, an Ethereum donation leaderboard, and a gamified badge system to drive engagement
- Leveraged PostgreSQL, Django, Next.js, Google Gemini, Solidity, and python
- Won third place in the Blockchain category

TECHNICAL SKILLS | CERTIFICATIONS

Computer Softwares: Github, GitLab, Jira, Confluence, Nexpose, Miro, Visual Paradigm, Trello

Programming languages: Python, C, C#, C++, Java, Assembly, HTML, MATLAB, SQL, PowerOn

Certificates: Amazon Junior Software Developer, IBM Applied DevOps Engineering, SMA Basic Training Course (OpCon), Palo Alto Networks Cloud Security Certificate