

George Badulescu

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EDUCATION

B.S. in Computer Science Dean's List <i>Arizona State University, Ira Fulton Schools of Engineering</i>	Aug 2022 – May 2026 GPA: 3.85
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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C#, Java, C/C++, SQL, Rust, HTML/CSS
Frameworks/Tools: React, Next.js, Node.js, .NET Core, ASP.NET, FastAPI, Express.js, Git, Docker, CI/CD
Databases/Cloud: PostgreSQL, AWS, MongoDB, Oracle, SQLite, Supabase, Prisma ORM, Dapper ORM
Certifications: AWS Certified Solutions Architect – Associate, DeepLearning.AI Machine Learning Specialization

EXPERIENCE

Software Engineering Intern <i>Medtronic</i>	Jun 2025 – Aug 2025 <i>Tempe, AZ</i>
<ul style="list-style-type: none">Developed enterprise dashboard processing 10,000+ daily test files across 5 global facilities using Next.js, TypeScript, and ASP.NET Core, reducing error detection time by 75%Architected high-performance analytics system handling 1M+ Oracle database records with sub-second response times using Dapper ORM and optimized SQL queries, improving data retrieval speed by 85%Deployed production application to Windows Server with IIS configuration, integrating C# APIs and SSH remote monitoring for real-time manufacturing KPI tracking across distributed instances	
Software Developer Intern <i>Opportunity Hack</i>	Jun 2025 – Aug 2025 <i>Remote</i>
<ul style="list-style-type: none">Built Scholarship Management System using Next.js, React, and MongoDB serving 1,200+ studentsDeveloped admin dashboard with CRUD operations and advanced search, accelerating scholarship processingImplemented CSV export and reporting features, reducing administrative overhead by 50%	
Full Stack Engineer <i>DevX Solutions</i>	Jan 2025 – Jun 2025 <i>Tempe, AZ</i>
<ul style="list-style-type: none">Developed software solutions for 5+ clients using React, Node.js, TypeScript, Supabase, and AWSImplemented database management and authentication using Supabase and PostgreSQL, securing user data across client applications	
Software Developer Intern <i>GBCS Group</i>	Jan 2024 – May 2024 <i>Remote</i>
<ul style="list-style-type: none">Optimized database performance with Prisma, tuned PostgreSQL schemas, and efficient SQL queries to cut latencyImplemented CI/CD pipelines using GitHub Actions and Docker, automating deployments, accelerating releases	

LEADERSHIP EXPERIENCE

Technical Officer The AI Society at ASU	Mar 2025 – Present
<ul style="list-style-type: none">Developed internal tools for event management and member engagement using React and Node.jsLed AI workshops and delivered technical lectures to 100+ students on machine learning concepts	
Workshop Volunteer Desert CodeSprouts Workshop (SCAI, ASU)	Mar 2025 – May 2025
<ul style="list-style-type: none">Mentored 48 students in Python programming and machine learning with 20+ volunteers and faculty	

PROJECTS

The Overseer Raspberry Pi OpenCV FastAPI Python Bash Cron	Nov 2025 – Present
<ul style="list-style-type: none">Built a Raspberry Pi productivity enforcer that starts a 6:30 AM wake routine via cron and stops only when OpenCV detects my face at the desk, re-triggering after 5+ minutes awayImplemented a local FastAPI service that locks my computer and blocks distracting sites until the user-defined task is completed and verified	
PhishGuard 360 Next.js Python Flask	Sep 2025
<ul style="list-style-type: none">Won \$1,000 building multi-layer AI phishing defense system with Chrome extension, DistilBERT classification, and LLM detective agent using RAG database for personalized threat detection	