

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: React, Next.js, Node.js, .NET Core, ASP.NET Core, FastAPI, Express.js
Infrastructure/Tools: AWS, Docker, Git, CI/CD, GitHub Actions, IIS
Databases/ORM: PostgreSQL, Oracle, MongoDB, 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 Tempe, AZ
• Developed an Enterprise dashboard ingesting 10,000+ daily manufacturing test files across 5 global facilities with Next.js , TypeScript , and ASP.NET Core , reducing error detection time by 75%	
• Improved analytics over 1M+ Oracle records to achieve sub-second responses by optimizing application-side data access with SQL and Dapper ORM , improving retrieval speed by 85%	
• Deployed to Windows Server with IIS and integrated C# APIs with SSH-based monitoring for real-time KPI tracking across distributed instances	
Software Developer Intern <i>Opportunity Hack</i>	Jun 2025 – Aug 2025 Remote
• Built a scholarship management system serving 1,200+ students with Next.js , React , and MongoDB	
• Developed an admin dashboard with CRUD workflows and advanced search to accelerate scholarship review and processing	
• Implemented CSV export and reporting features, reducing administrative overhead by 50%	
Full Stack Engineer <i>DevX Solutions</i>	Jan 2025 – Jun 2025 Tempe, AZ
• Developed software solutions for 5+ clients using React , Node.js , TypeScript , Supabase , and AWS	
• Implemented 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 Remote
• Reduced database latency by tuning PostgreSQL schemas and optimizing SQL queries using Prisma	
• Implemented CI/CD pipelines with GitHub Actions and Docker , automating deployments and accelerating releases	

LEADERSHIP EXPERIENCE

Technical Officer The AI Society at ASU	Aug 2025 – Present
• Developed internal tools for event management and member engagement using React and Node.js	
• Led AI workshops and delivered technical lectures to 100+ students on machine learning concepts	
Workshop Volunteer Desert CodeSprouts Workshop	Mar 2025 – May 2025
• Mentored 48 students in Python programming and machine learning with 20+ volunteers and faculty	

PROJECTS

The Overseer Raspberry Pi OpenCV Python Bash	Nov 2025 – Present
• Built Raspberry Pi accountability system using OpenCV for presence detection and cron -based task automation	
• Implemented FastAPI service to enforce task completion by blocking websites and controlling system access	
PhishGuard 360 Next.js Python Flask	Oct 2025
• Awarded \$1,000 at Cyber 360° Spark Challenge for building a 3-layer AI phishing defense system in 24 hours	
• Designed adaptive architecture with threat database, fine-tuned DistilBERT classifier, and LLM investigator using RAG	