

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 <i>Tempe, AZ</i>
<ul style="list-style-type: none">Developed the 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 <i>Remote</i>
<ul style="list-style-type: none">Built a scholarship management system serving 1,200+ students with Next.js, React, and MongoDBDeveloped an admin dashboard with CRUD workflows and advanced search to accelerate scholarship review and 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">Reduced database latency by tuning PostgreSQL schemas and optimizing SQL queries using PrismaImplemented 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
<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	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 triggers a 6:30 AM routine via cron and unlocks only when OpenCV verifies presence, re-triggering after 5+ minutes awayImplemented a local FastAPI service that locks the computer and blocks distracting sites until a task is completed	
PhishGuard 360 Next.js Python Flask	Oct 2025
<ul style="list-style-type: none">Built PhishGuard-360 in 24 hours, a 3-layer phishing defense system using a threat database, fine-tuned Distil-BERT, and an LLM investigator with RAGAchieved 94% detection accuracy and reduced false positives by 8%	