

Daniel J. Berg

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Education

Arizona State University

Bachelor of Science in Computer Science (Cybersecurity)

Tempe, AZ

Expected December 2027

Experience

University of Phoenix, Applications Engineer Intern

May 2026 - Present

- Collaborating within a 9-member cross-functional Agile engineering team to develop, test, and maintain enterprise web applications for Phoenix.edu using Java, JavaScript, React, AWS, Git, and Bitbucket
- Delivering production enhancements and bug fixes across 10+ Agile sprints, contributing through planning, implementation, local testing, code reviews, staging validation, deployment, and production verification
- Participating in 50+ daily stand-ups while collaborating with software engineers, product management, UI/UX, QA, and technical leadership throughout the full software development lifecycle

Walmart, Personal Shopper Associate

May 2025 - Present

- Fulfilling 50+ online customer orders per shift with 99%+ accuracy while meeting strict deadlines and providing customer service in a fast-paced team environment

Projects

Enterprise Feature Flag Management Platform

In Progress

- Developing an event-driven feature flag management platform that enables applications to receive feature updates in real time without requiring redeployment
- Integrating DynamoDB, Amazon MSK, Centrifugo, and Server-Sent Events (SSE) to propagate flag changes from cloud infrastructure to the browser automatically
- Troubleshooting end-to-end integration issues involving CORS, SSE event handling, cloud networking, API communication, and service connectivity while validating the system across the full event flow

Enterprise IT Infrastructure Lab

In Progress

- Building a virtual enterprise IT environment using Windows Server and VMware to develop hands-on systems administration, networking, and troubleshooting experience
- Configuring Windows Server infrastructure while progressing toward Active Directory, DNS, DHCP, Group Policy, user and computer management, and Windows client administration

Skills

- Programming: Java, Python, JavaScript, React, HTML/CSS, SQL, REST APIs
- IT & Systems: Windows, Linux, Active Directory, DNS, DHCP, TCP/IP, Hardware & Software Troubleshooting
- Cloud & Tools: AWS, Git/GitHub, Jira, Bitbucket, GitHub Copilot
- Cybersecurity: Network Security, Secure Authentication, Encryption & Hashing

Certifications

- **CompTIA A+**, *In Progress*