

Alex 'A.J' Norton

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🔑 ajn123

Security Clearance: Top Secret Full Scope Polygraph (TS/SCI)

Education 📖

Virginia Tech

Graduate

Falls Church, VA

Jan 2024 – Dec 2025 (Expected)

- Master's degree with a concentration in data science, AI, and machine learning

Virginia Tech

Undergraduate, GPA: 3.85/4.00

Blacksburg, VA

2011 – 2015

- Computer Science Major with a Mathematics Minor; Summa Cum Laude, Phi Beta Kappa

Work 💼

BAE Systems

Senior Software Engineer, Python

Herndon

2025-Present

- Designed and implemented advanced software solutions tailored to client requirements
- Collaborated with clients to deliver innovative, high-quality software products

Front Gate

Software Engineer II

PHP and Laravel development for TicketMaster backend systems

Remote

2022-2025

- Developed a Laravel application to manage the Front Gate ticketing system
- Created SQL queries to manage the database, Docker and Kubernetes for deployments

Saatva

Software Engineer

Ruby on Rails and React frontend/backend development

Remote

2021-2022

IBM

Software Engineer

Developed Watson Workspace App, integrated with IBM Watson, created real time message service in Swift and Java

Austin, Texas

2015 - 2018

- Coordinated with the Android team to submit features at the same time

Certifications

- AWS Machine Learning Engineer Associate
- AWS Data Engineer Associate
- AWS Solutions Architect Associate

Leadership ⚡

Computer Science Teaching Assistant: Held office hours for more than 400 CS students (15 hours/week)

Eagle Scout: Major refurbishment of elementary school (100+ hours of community service)

Volunteering ⚙️

College Bound Mentor

DC

2023-Present

- Mentored high school students weekly, helping them with homework and college preparation

Skills 🎯

- PHP/Laravel
- Python
- AWS, Redshift
- Kubernetes/Docker