

Alex 'A.J' Norton

2422 Nottingham Drive – Falls Church, Virginia, 22043 – USA

☎ +1 (571) 405 0833 • ✉ alexnorton@vt.edu • 🌐 linkedin.com/in/ajnorton
🔑 ajn123

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

Education

Virginia Tech

Graduate

Falls Church, VA

Jan 2024 – Dec 2026 (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

Herndon

2025-Present

- Designed and implemented advanced software solutions tailored to client requirements
- Built secure software solutions for high priority projects

Front Gate

Software Engineer II

Remote

2022-2025

- PHP and Laravel development for TicketMaster backend systems
- Developed a Laravel application to manage the Front Gate ticketing system

Saatva

Software Engineer

Remote

2021-2022

- Ruby on Rails and React frontend/backend development
- Created SQL queries to manage the database, Docker and Kubernetes for deployments

IBM

Software Engineer

Austin, Texas

2015 - 2018

- Developed real time messaging service in Swift and Java
- 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

Student Mentor

Washington, DC

2023-Present

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

Skills

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