Alex 'A.J' Norton

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🐙 ajn123

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

Education 📑

Virginia Tech	**Falls Church, VA**
Graduate	*Jan 2024 – Dec 2025 (Expected)*

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

Virginia Tech	**Blacksburg, VA**
Undergraduate, GPA: 3.85/4.00	*2011 – 2015*

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

Work 💼

Front Gate	**Remote**
Software Engineer II	*2022-Present*

PHP and Laravel development for TicketMaster backend systems

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

Saatva	**Remote**
Software Engineer	*2021-2022*

Ruby on Rails and React frontend/backend development

Thoroughcare	**Remote**
Software Engineer	*2019-2020*

Ruby on Rails and Vue.js Development with a small flexible team

○ Migrated the front end from html to Vue.js
○ Performed complex SQL queries for testing in RSpec

IBM	**Austin, Texas**
Software Engineer	*2015 - 2018*

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

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

Projects

RUN DMV: Local Website to display local races and clubs in the District of Colombia area.	*Laravel, PHP*
How I Met You: Listing and adding events in the District of Columbia	*Alpine.js, Laravel, Tailwind, React*

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)

Experience ⚙

	DC
College Bound Mentor	*2023-Present*

○ Mentored high school students weekly, helping them with homework and college preperation

Skills ◎

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