Alex 'A.J' Norton

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

📱 +1 (571) 405 0833 • ✉ alex.norton.dev@gmail.com

🌐 ajn123.github.io/portfolio • ⊙ ajn123

Education 📖

Virginia Tech University	**Blacksburg, VA**
Computer Science, GPA: 3.85/4.00	*2011–2015*

- Computer Science Major with a Mathematics Minor; Graduate June 2015, Summa Cum Laude, Phi Beta Kappa

Oxford Brookes University	**Oxford, UK**
Technology	*Jan 2015–June 2015*

- Completed Computer Science courses with focus on learning business perspectives

Work 💼

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

PHP and Laravel development from TicketMaster backend systems

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
- created SQL queries in the models to perform search and find for patients
- 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
- worked on the frontend and API calls to return user to most recently read message.

Projects

Ephemeral Hadoop: Utilize unshared computer resources to run Hadoop batch jobs	*JAVA, Hadoop*
Hokie Links: Share class notes, comments, and links about Virginia Tech classes	*Rails, JS, SASS*
Oxford Brookes Bus App: Real time updates of the Oxford bus schedule, stops, and routes	*iOS*
Schools Out API: Built a REST API to predict school closures based on weather	*Ruby On Rails*

Leadership ⚡

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

Hokie Ambassador: Gave tours and presentations to aspiring Computer Science students every week

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

Experience ⚙

S.O.F.I.A Android project	**Virginia Tech**
Undergraduate Research	*2013*

- Development of game logic: Development of leaderboard and achievement functionality

Youtube Channel	**Internet**
Channel Name: AppleJuiceTeaching	*2012–Present*

- Developed tutorials and references about CS topics such as Algorithms and Version Control
- Generated more than 1,000,000 views and 4,000 subscribers

Skills

- Ruby/Rails
- Java

- Git
- Javascript/Coffeescript