Alex 'A.J' Norton

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Education 📖

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

o 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*

o Completed Computer Science courses with focus on learning business perspectives

Work 💼

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

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

o migrated the front end from html to Vue.js
o created SQL queries in the models to perform search and find for patients
o 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

o coordinated with the Android team to submit features at the same time
o worked on the frontend and API calls to return user to most recently read message.

Amazon	**Seattle, WA**
Software Developer Intern	*Summer 2014*

Compiled semantic analyzer in Java/Xtext; Eclipse plugin

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*

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

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

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

Skills ◎

- Ruby/Rails
- Java
- Git
- Javascript/Coffeescript