

Alex 'A.J' Norton

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Education 📖

Virginia Tech University

Computer Science, GPA: 3.85/4.00

Blacksburg, VA

2011–2015

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

Oxford Brookes University

Technology

Oxford, UK

Jan 2015–June 2015

- Completed Computer Science courses with focus on learning business perspectives

Work 💼

Thoroughcare

Software Engineer

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

Remote

2019-2020

- 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

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
- worked on the frontend and API calls to return user to most recently read message.

Amazon

Software Developer Intern

Compiled semantic analyzer in Java/Xtext; Eclipse plugin

Seattle, WA

Summer 2014

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

Undergraduate Research

Virginia Tech

2013

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

Youtube Channel

Channel Name: AppleJuiceTeaching

Internet

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