

# 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 💼

### IBM

Software Engineer

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

Austin, Texas

2015 - 2017

### Amazon

Software Developer Intern

Compiled semantic analyzer in Java/Xtext; Eclipse plugin

Seattle, WA

Summer 2014

### Cvent

Software Intern

Implemented new error logging; library permits corrections by graphing and searching, debugged information in Javascript

McLean, VA

Summer 2013

## 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