

# Alex 'A.J' Norton

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in ajnorton

## Education

### Virginia Tech

Computer Science, GPA: 3.85/4.00

Blacksburg, VA

2011–2015

- Majored in Computer Science with a Mathematics Minor
- Studied Business and Information Technology, Oxford, England

## Work

### Amazon

Software Developer Intern

Worked on implementing a semantic analyzer as an Eclipse plugin future in Java with Xtext

Seattle, WA

Summer 2014

### Cvent

Software Intern

Implemented new logging library to allow for easy graphing and searching of errors; debugged information in Javascript

McLean, VA

Summer 2013

### Modea

Digital Content Intern

Image creation, batching, resizing, and optimization in Photoshop

Blacksburg, VA

Winter 2012

## Projects

**Ephemeral Hadoop:** Utilize unshared resources on computers to run batch jobs on Hadoop

JAVA, Hadoop

**Hokie Links:** Share class notes, comments, and links about Virginia Tech classes

Rails, JS, SASS

**Schools Out API:** REST API to predict school closures based on weather

Ruby On Rails

## Leadership

**Teaching Assistant:** Facilitated Intro to C programming and Intro to Python classes

Virginia Tech

**Hokie Ambassador:** Give tours and presentations to aspiring Computer Science students

Virginia Tech

**Eagle Scout:** Refurbished my elementary school playground as a final project

Boy Scouts

## Experience

### S.O.F.I.A Android project

Undergraduate Research

Virginia Tech

2013

- Development of game logic: handling the main game loop, advanced timing controls, and other features so that intro CS students would not have to individually reinvent the logic

### Youtube Channel

AppleJuiceTeaching

Internet

2012–Now

- Develop tutorials and references for easy comprehension about Computer Science best practices

## Skills

◦ Ruby/Rails

◦ Linux

◦ Java

◦ Git

◦ C

◦ Javascript/Coffeescript

◦ L<sup>A</sup>T<sub>E</sub>X

## Familiar With

◦ Adobe Illustrator

◦ CSS/SASS