Alex 'A.J' Norton

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in ajnorton

Education

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

- Majored in Computer Science with a Mathematics Minor
- Studied abroad at Oxford Brookes University during Spring 2015 learning information and technology

Work

Amazon　　　　　　　　　　　　　　　　　　　　　　　　　　　**Seattle, WA**
Software Developer Intern　　　　　　　　　　　　　　　　　　　　*Summer 2014*
Worked on implementing a semantic analyzer as an Eclipse plugin future in Java with Xtext

Cvent　　　　　　　　　　　　　　　　　　　　　　　　　　　　**McLean, VA**
Software Intern　　　　　　　　　　　　　　　　　　　　　　　　*Summer 2013*
Implemented new logging library to allow for easy graphing and searching of errors; debugged information in Javascript

Modea　　　　　　　　　　　　　　　　　　　　　　　　　　　**Blacksburg, VA**
Digital Content Intern　　　　　　　　　　　　　　　　　　　　　*Winter 2012*
Contracted by Verizon to create phone simulator for customer support using Photoshop

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: Build a REST API to predict school closures based on weather　　*Ruby On Rails*

Leadership

Teaching Assistant: Held office hours for introductory C and Python courses (15 hours/week)　　*Virginia Tech*

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

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

Experience

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

- Development of game logic: handling the main game loop as well as leaderboard and achievement functionality

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

- Develop tutorials and references for easy comprehension about Computer Science best practices
- Generated more than 300,000 views and 1,400 subscribers

Skills

- Ruby/Rails
- Java
- C
- LaTeX

- Linux
- Git
- Javascript/Coffeescript

Familiar With

- Adobe Illustrator

- CSS/SASS