

# Alex 'A.J' Norton

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## OBJECTIVE

- Seeking a full time position in software development

## EDUCATION

VIRGINIA TECH **Computer Science Major** 2011–2014

- Graduated Summa Cum Laude with a GPA of 3.85/4.00
- Mathematics Minor

## WORK

AMAZON **Software Developer Intern** Summer 2014

- Provided runtime functionality for a custom programming language to an Eclipse plugin
- Worked on implementing a semantic analyzer as an Eclipse plugin future

CVENT **Software Developer Intern** Summer 2013

- Created an Extract, Transform and Load (ETL) process that queried huge databases efficiently
- Implemented new logging library to allow for easy graphing and searching of errors; debugged information

MODEA **Digital Content Intern** October 2012–January 2013

- Image creation, batching, resizing, and optimization in Photoshop

## EXPERIENCE

SOFIA ANDROID PROJECT **Undergraduate Research** January 2013–May 2013

- Creation of game development library components within the existing Sofia Android framework; the libraries were used by educators in intro Computer Science classes
- 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 **Educator** October 2012–Now

- Develop tutorials and references for easy comprehension about Computer Science best practices
- Over 1,200 subscribers and 250,000 views

## LEADERSHIP

EAGLE SCOUT **Boy Scouts** 2005–2011

TEACHING ASSISTANT **Virginia Tech** 2012–2014

- Facilitated Intro to C programming and Intro to Python classes

HOKIE AMBASSADOR **Virginia Tech** 2013–2014

- Give tours and presentation to aspiring Computer Science students

## SKILLS

- |                     |                             |                          |
|---------------------|-----------------------------|--------------------------|
| • Ruby - Proficient | • Linux - Proficient        | • CSS - Intermediate     |
| • Java - Proficient | • Git - Proficient          | • Illustrator - Beginner |
| • C - Proficient    | • Javascript - Intermediate | • Photoshop - Beginner   |

## PROJECTS

EPHEMERAL HADOOP **Senior Capstone** Fall 2014

- Program that dynamically joins computers in a cluster and uses their unshared resources to run batch jobs on Hadoop.

HOKIE LINKS **Rails Project** 2013–Now

- Share class notes, comments, and links about Virginia Tech classes

SCHOOLS OUT API **Rails Project** 2014–Now

- An API to predict school closures based on location and school tendencies