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
- 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
- Java - Proficient
- C - Proficient
- Linux - Proficient
- Git - Proficient
- Javascript - Intermediate
- CSS - Intermediate
- Illustrator - Beginner
- 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