

Alex 'A.J' Norton

📍 2422 Nottingham Drive, Falls Church VA, 22043

✉ alexnorton@vt.edu

☎ (571)-405-0833

🌐 <http://ajnorton.com>

🌐 <http://github.com/ajn123>

OBJECTIVE

- Seeking a full time position in software development

EDUCATION

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

- Graduated Summa Cum Laude 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