

Alex 'A.J' Norton

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EDUCATION

VIRGINIA TECH	COMPUTER SCIENCE MAJOR	2011–2014
<ul style="list-style-type: none">• Graduated Summa Cum Laude• Mathematics Minor		

WORK

AMAZON	SOFTWARE DEVELOPER INTERN	SUMMER 2014
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Image creation, batching, resizing, and optimization in Photoshop		

EXPERIENCE

SOFIA ANDROID PROJECT	UNDERGRADUATE RESEARCH	JANUARY 2013 - MAY 2013
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Facilitated Intro to C programming and Intro to Python classes		
HOKIE AMBASSADOR	VIRGINIA TECH	2013 - 2014
<ul style="list-style-type: none">• Give tours and presentation to aspiring Computer Science students		

SKILLS

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| <ul style="list-style-type: none">• Ruby - Proficient• Java - Proficient• C - Proficient | <ul style="list-style-type: none">• Linux - Proficient• Git - Proficient• Javascript - Intermediate | <ul style="list-style-type: none">• CSS - Intermediate• Illustrator - Beginner• Photoshop - Beginner |
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PROJECTS

EPHEMERAL HADOOP	SENIOR CAPSTONE	FALL 2014
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Share class notes, comments, and links about about Virginia Tech statistics		
SCHOOLS OUT API	RAILS PROJECT	2014 - NOW
<ul style="list-style-type: none">• An API to predict school closures based on location and school tendencies		