Alex 'A.J' Norton

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EDUCATION

VIRGINIA TECH	COMPUTER SCIENCE	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