

# Alex 'A.J' Norton

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**OBJECTIVE: Seeking a full time position upon graduation**

## EDUCATION

**MAJOR: COMPUTER SCIENCE | VIRGINIA TECH | GPA: 3.84/4**

**GRADUATION DATE: DECEMBER 2014**

- Completed Minor: Mathematics
- Member of Honor's College
- Dean's list every semester

## EXPERIENCE

**SDE INTERN @ AMAZON**

**SUMMER 2014**

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

**SOFTWARE ENGINEER INTERN @ CVENT**

**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

**DIGITAL CONTENT INTERN @ MODEA**

**OCTOBER 2012- JANUARY 2013**

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

**SOFIA GAME 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 | SELF EMPLOYED**

**OCTOBER 2012 - PRESENT**

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

## SKILLS, ABILITIES, PROJECTS

### LANGUAGES (SKILL LEVEL)

- Ruby (Proficient), Java (Proficient), C (Proficient), Python (Intermediate), JavaScript (Beginner), HTML (Beginner), CSS (Beginner)

### SOFTWARE (SKILL LEVEL)

- Git (Proficient), Linux (Proficient), RubyMine (Proficient)

### PERSONAL PROJECTS

Web Applications	iOS Applications
<ul style="list-style-type: none"><li>· Hokie Links – Share class notes, comments and links</li><li>· Tech-Debate – Debate technical topics</li><li>· Schools Out – School cancellation API</li></ul>	<ul style="list-style-type: none"><li>· Movies I Like – Keep track of movies and theaters</li><li>· Weather Panorama – Weather statistics</li></ul>

## LEADERSHIP

- Eagle Scout in the Boy Scouts of America
- Undergraduate Teaching Assistant- for Intro to C programming and Intro to Python
- Hokie Ambassador – Give tours and presentation to aspiring Computer Science students @ Virginia Tech