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EDUCATION

VIRGINIA TECH	COMPUTER SCIENCE	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

C Java Ruby HTML