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## WORK EXPERIENCE

*Computer Programming Intern, Goodgirls Write Code Inc., Virginia Beach, Va*

**June 2016 – Aug 2016**

- Motivated and educated girls in grades 4-12 to pursue careers in engineering by developing computer science modules in HTML, CSS, JavaScript, and C++ programming languages
  - Modules consisted of both introductory and intermediate level lessons, projects, and examples
  - Received positive results by instructing summer programs for students (grades 4-8)
- Improved educating and comprehending capabilities by creating and editing technical documentation and instructional tutorials for programming lessons

*Undergraduate Teaching Assistant, Virginia Tech, Blacksburg, VA*

**Jan 2016 – Present**

- Instructed computer science labs for undergraduate students in both C++ and Java
- Increased coding comprehension by holding office and study hours to assist and guide students on coursework, leading to enthusiastic and successful student projects
- Refined student evaluation systems through providing administrative and grading assistance to professors

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## EDUCATION

B.S. in Computer Science with minor in Cinema - Expected Spring 2017

Virginia Polytechnic Institute and State University, Blacksburg, Va

Current GPA: 2.90

### Relevant Courses (Currently Enrolled):

Human Computer Interaction  
Comparative Languages  
Computer Music and Multimedia  
Statistics for Engineers

### Completed:

Computer Organization 1 & 2  
Software Design and Data Structures  
Data Structures and Algorithms  
Computer Systems

Graduated from Albemarle High School June 2013

MESA – Math, Engineering, and Science Academy 2009-2013

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## SKILLS & ABILITIES

### • Languages:

- *Proficient:* Java, C, C++, HTML, CSS
- *Familiar:* JavaScript, PHP
- *Basic:* Python, jQuery

### • Other:

- Windows and Linux operating systems
- Excel, Oracle VirtualBox, Visual Studio Code
- MAX Music Programming Environment
- Pinnacle Studio 17 & Final Cut editing software

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## PROJECTS

- Built a personal and extracurricular website design from the ground up
- Co-Directed a STEM activity fair for elementary school students interested in Engineering (2015)
- Developed original version of “snake” style game for Java (open ended course project)
- Co-Creator personal web app for reality television information database (in development)

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## EXTRACURRICULARS

- Alpha Omega Epsilon: Female Engineering Organization (Spring 2015 – Present)
  - Webmaster Fall 2016 – managed and updated organization website and database
- Residential Community Council Secretary West Ambler Johnston (2014-2015)
- Personal YouTube Channel for animation and film projects (Dec 2010 – Present)

