# Nathan Riley LaPierre

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## Education

**B.S. in Applied Computer Science, concentration in Software Engineering**

GPA – 3.92

George Mason University, Fairfax, VA

Expected Graduation December 2015; pursuing MS in Computer Science

Honors College Member; Dean's List placement for every semester

**Thomas Jefferson High School for Science and Technology, Class of 2012**

Alexandria, VA | Advanced Studies Diploma

## Work Experience

**Security Engineer Intern**

Sony Corporation of America, Herndon, VA, June 2013 – Present

- Wrote secure, scalable, data-driven software scripts and worked with Big Data in order to help analyze, detect, and prevent attacks on Sony's networks
- Used Python, XML, Javascript, CSS, and HTML

**Undergraduate Teaching Assistant, CS 306 – Computer Law and Ethics**

George Mason University, Fairfax, VA, Fall 2014 and Spring 2015 Semesters

- Received Outstanding Undergraduate Teaching Assistant Award
- Assisted students with their legal research, writing, and oral communication skills
- Graded several major assignments throughout the semester, one of the only TAs to do so

## Skills and Relevant Knowledge

- Languages: Python, Java, C, HTML, CSS, JS; some experience with: PHP, SQL, Ruby, XML
- Libraries/frameworks: jQuery, Bootstrap, Flask, Django
- Fields: Software and Web Development, UI, Machine Learning, Bioinformatics
- Experience with Git version control via both GitHub and command line
- Have several live websites up (see: nathanrlapierre.com, cnfsr.com, nanbendo.com); have some experience with web servers and apache configuration files via DigitalOcean
- Worked on a mobile game ("Jumpy Deer") that is on the Google Play Store
- Experienced with both Windows and Linux operating systems; some Mac experience
- Experienced with Microsoft Office products (Word, Excel, Powerpoint, etc.)

## Selected Awards and Honors

- Top 5 (out of 45+) at VTHacks, an event where undergraduates created new software in 36 hours
- Received $5000 Bersoff Endowed Scholarship for outstanding academic achievements
- Received Outstanding Research Project Award (Topics: Machine Learning & Bioinformatics)
- Executive Board Member & Developer in GMU's Student-Run Computing & Technology (SRCT)
- Member of the Golden Key and Alpha Lambda Delta Honor Societies