**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