Samuel Mark Damashek

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School History

Thomas Jefferson High School for Science and Technology, Alexandria, Virginia   GPA: 4.2   2017

- Studied Artificial Intelligence and Parallel Computing
- Student Systems Administrator (Infrastructure Co-Lead)
  - Helped deploy Salt configuration management system on school servers
  - Administers KVM virtualization with Libvirt management
  - Coded root password management system using Python and PGP/GnuPG
  - Administers Cisco IOS and HP Procurve switch networking, including VSS core switch
  - Developed and assisted in implementation of school wide SSL Certificate Authority

Work Experience

Research Intern, Invincea Labs, LLC (subdivision of Invincea, Inc.), **June 2015 to September 2015**

- Assisted in implementation of long-term infrastructure projects

Robotics Camp Coach, Nova Community College, Woodbridge, VA, **summer 2012 (paid position)**

- Helped campers build and program Mindstorms robots, set up games and assisted adult teacher for week long camp

Volunteer Experience

Robotics Program Volunteer, Prince William County Public Schools Robotics program, **fall 2011 to present**

- Head referee for VEX Robotics 2014 State Championship
- For two years in a row, invited to represent the VEX robotics program to adult community leaders participating in Leadership Prince William; helped educate them on the value and success of the robotics program
- Help set up, inspect robots, and referee for robotics competitions

VEX Robotics Mentor, President, and Secretary, Time for Technology Club, Fairfax, VA, **June 2012 to present**

- Mentor for three VEX robotics middle school teams, two of which qualified for 2014 and 2015 state championships
- Developed curriculum and facilitated activities to teach youth about technology, specifically programming
- Founding member and President from 2012-2013, Secretary from 2013-2014

Gentoo Developer, www.gentoo.org, **January 2014 to January 2015**

- Member of web-apps and Python teams
- Assisted in addition of upstream packages, version updates and testing
- Assisted in security vulnerability handling

Volunteer Intern, Binary Group, Arlington, VA, **May 2012 to September 2012**

- Assisted with design, development and testing of a mobile application developed to help caseworkers coordinate care for homeless veterans
- Self trained in Mozenda screen-scraping software and XSLT

Awards and Accomplishments

- DEFCON 23 CTF Qualifiers   May 2015
  - Team qualified for DEFCON 23 CTF Finals in Las Vegas, Nevada in August 2015 by placing in the top 13
- CODEGATE Junior CTF in Seoul, South Korea   March 2015
  - Qualified for (individually) and participated in Junior CTF finals in Seoul by placing in the top 30
- Metropolis Cyber Skyline at University of Maryland   February 2015
  - Team placed 1st in second round out of approximately 40 high school and college teams
- PicoCTF by Carnegie Mellon University   November 2014
  - Team placed 6th out of 3000+ middle school and high school teams
- Hack the North Hackathon at University of Waterloo, Ontario   September 2014
  - Team won best collaborative hack
- MITRE STEM CTF: Cyber Challenge 2014   August 2014
  - Member of winning team out of 59 college teams (competed in college section)
- Booz Allen Hamilton Data Science Bowl   October 2013

- ○ Member of winning team
- ○ Placed 7th/150 individually
- ● MITRE STEM CTF: Cyber Challenge 2013   July 2013
  - ○ Member of winning team out of 66 college/high school teams