

# Adam Jacobson

## Programmer and Systems Administrator

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### Education

**Georgetown University** Georgetown College, Washington, DC  
Bachelor of Science in Computer Science and Bachelor of Science in Mathematics, 2016  
GPA: 4.0, Dean's List and First Honors

### Experience

**Georgetown University** Washington, DC

*Research Assistant*, June 2014 – July 2015

- ▶ Perform research under a professor in the Computer Science Department
- ▶ Implement and develop application following novel design
- ▶ Instrument, measure, and analyze application performance
  - ▶ Technologies used: Python, MongoDB, Shadow, Tor, R
- ▶ Document all work performed for scientific paper (in progress)

**Taviers** Washington, DC

*Systems Administrator and Technical Advisor*, July 2013 – Dec 2013

- ▶ Work with executive staff to design business-critical systems
- ▶ Ground-up VPS deployment and maintenance
  - ▶ Technologies used: Ubuntu, nginx, Google Apps
- ▶ Create temporary website
- ▶ Advise and supervise development of business-critical web application

**Edmund Burke School** Washington, DC

*Information Technology Assistant*, September 2008 – August 2013

- ▶ Assist in managing and maintaining a heterogenous network of ~150 computers and devices
- ▶ Document and automate deployment of new software and hardware
  - ▶ Technologies used: Mac OS X 10.5-10.8 (Server and Client), Casper Suite, Google Apps, etc.
- ▶ Perform general troubleshooting and end user support

### Extra-Curricular Activities

**Anime Club** Georgetown University, Washington, DC

*Vice President*, August 2013 – May 2014

*President*, May 2014 – May 2016

- ▶ Plan, coordinate, and execute all club programming, from regular weekly body meetings to yearly travel events
- ▶ Manage selection and procurement of shows to be watched

### Technical Skills

#### Languages

- ▶ Proficient in C++ and Python
- ▶ Experience with Java, Lisp, Ruby, Bash, HTML, CSS, JavaScript, R, and LaTeX
- ▶ \*nix Command Line Proficiency
- ▶ System Administration–Mac OS X and Linux
- ▶ Able to rapidly acquire and develop proficiency in new technologies and programming languages

### Achievements

- ▶ **Phi Beta Kappa** – Member