Garrett Heath Koller

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Education

Washington and Lee University, Lexington, VA   *2010-Present*
B.S. Computer Science (Expected 2014) — GPA: 3.4 / Major GPA: 3.6

Oklahoma School of Science and Mathematics, Oklahoma City, OK   *2008-2010*
This residential charter high school intentionally omits GPAs on its transcripts.

Goal: High impact software engineering in the realm of high performance computing (HPC)
Skills: C, Python, Java, iOS Apps, UNIX, Subversion, Git, HPC (MPI, Condor, Hadoop, Parallel Java)
Courses: Parallel Programming, Cryptography, Distributed Systems, Programming Language Design

Employment

- Interning Research Assistant at Booz Allen Hamilton   (*June 2013-August 2013*)
  - Engineered solution using PHP and Java to increase browser anonymity for a DIA marketing project

- Technical specialist at the Information Technology Services HelpDesk at W&L   (*April 2012-*)
  - Resolved a 2-year recurring problem with the campus's Aruba Wi-Fi network and Apple devices

- Research Assistant of Computer Science at W&L with Dr. Joshua Stough   (*June 2011-*)
  - Developed a Condor supercomputing environment and provided support and system administration

- Information Technology Client Services Assistant at W&L   (*September 2010-May 2011*)
  - Created videos promoting the ITS department, the university library, and the services they offer

- Smith Brothers Abstract and Title Co.   (*June 2009-August 2009*) (*June 2010-August 2010*)

Honors and Awards

- Johnson Scholarship Recipient, Washington & Lee University, Lexington, VA   (*2010-2014*)
  - $250,000 full-ride scholarship covering tuition and room and board

- Algernon Sydney Sullivan Award nominee, Washington & Lee University, Lexington, VA   (*2014*)

- Eagle Scout Rank of the Boy Scouts of America   (*2010*)
  - Built cavalettis for a counseling center (22.5 hours of planning and action)

- Deans Academic Honor List at Washington & Lee University   (*2011*)

- Robert E. Lee Research Scholars Program Participant   (*2011*)
  - Deployed a Condor supercomputing/HTC cluster on my university's campus

- 2nd place in the 2011 EDUCAUSE Security Awareness Video Contest   (*2011*)

- OSSM Computer Science Scholar Award   (*2009*)

Leadership and Activities

- Vice President and Secretary of the W&L Chapter of Association for Computing Machinery   (*2012-*)

- Vice President for Recruitment of the Sigma Phi Epsilon Fraternity at W&L   (*2011-2013*)

- Co-founder and Social Media Chair of the LGBTQA Rockbridge Alliance community organization   (*2013-2014*)

- Treasurer of the GLBTQ Equality Initiative at W&L   (*2012-2014*)

- Member of the Human Rights Campaign   (*2012-*)

- Attended the SC11 High Performance Computing Conference in Seattle, WA   (*2011*)

- IT Advisory Committee Member (Inform W&L ITS of technology needs on campus)   (*2010-*)

- Actor and Technical Assistant for the Shakespeare Society at W&L   (*2011-*)

- Supercomputing and Parallel Processing Mentorship with Dr. Farideh Samadzadeh   (*2009-2010*)