

# Garrett Heath Koller

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## Education

- Washington and Lee University**, Lexington, VA (2010–2014)  
B.S. Computer Science, concentration in Music (Graduated 2014) — GPA: 3.3 / Major GPA: 3.4
- 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–June 2014)
  - 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–May 2014)
  - 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 (2012–2014)
- IT Advisory Committee Member (Inform W&L ITS of technology needs on campus) (2010–2014)
- Attended the SC11 High Performance Computing Conference in Seattle, WA (2011)
- Supercomputing and Parallel Processing Mentorship with Dr. Farideh Samadzadeh (2009–2010)
- 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–)
- Actor and Technical Assistant for the Shakespeare Society at W&L (2011–2012)