

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 college-preparatory residential charter high school intentionally omits GPAs on its transcripts.

Goal: High impact software engineering in the realm of high performance computing (HPC)

Skills: Java (Spring, Hibernate), C, Python, iOS Apps, UNIX, Subversion, Git, HPC (MPI, Condor, Hadoop)

Courses: Parallel Programming, Cryptography, Distributed Systems, Programming Language Design

Employment

- Software Engineer Consultant at Booz Allen Hamilton (July 2014–)
 - C3E Project on the BAH DIA/Military Intel team creating mission support software for DoD clients
 - Utilizes Java Spring and Hibernate frameworks and an Oracle Database to serve a web interface front-end
- 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

- Secretary of GLOBE, BAH's Lesbian, Gay, Bisexual, and Transgender Diversity Forum (2014–)
- BAH Hackathons: (2014–)
 - 2014 Hack-A-Thon for Hope: Coded to predict genocide for the US Holocaust Memorial Museum
 - BAH PyNight (Feb 2015): 5th place out of 200 contestants in Python programming competition
- Vice President and Secretary of the W&L Chapter of Association for Computing Machinery (2012–2014)
- W&L IT Advisory Committee Member (informed W&L ITS of technology needs on campus) (2010–2014)
- Attended the SC11 High Performance Computing Conference in Seattle, WA (2011)
- 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)