

Garrett Heath Koller

P.O. Box 970
Lexington, VA 24450 USA

Phone: (918) 246-6374
Email: kollerg14@mail.wlu.edu

Education

Washington and Lee University, Lexington, VA *2010-Present*
B.S. Computer Science (Expected 2014)
GPA: 3.5 / Major GPA: 3.7

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

Charles Page High School, Sand Springs, OK *2006-2008*
Class Rank: 1 of 402

Goal: High impact software engineering in high performance computing (HPC)
Skills: C, Python, Java, UNIX administration, HPC (MPI, Condor), Eclipse
Courses: Parallel Programming, Distributed Systems, Computer Networks, Discrete Math

Honors and Awards

- Johnson Scholarship Recipient, Washington & Lee University, Lexington, VA *(2010)*
 - \$250,000 full-ride scholarship covering tuition and room and board
- Deans Academic Honor List *(2011)*
- Robert E. Lee Research Scholars Program Participant *(2011)*
 - Deployed a Condor cluster on my university's campus
- 2nd place in the 2011 EDUCAUSE Security Awareness Video Contest *(2011)*
- Eagle Scout Rank of the Boy Scouts of America *(2010)*
- QuestBridge Scholarship Finalist *(2009)*
- OSSM Computer Science Scholar Award *(2009)*
- National Honor Society *(2008)*

Activities

- Attended the SC11 High Performance Computing Conference *(2011)*
- Supercomputing and Parallel Processing Mentorship *(2009-2010)*
 - Implemented Dr. Farideh Samadzadeh's HPC process scheduling algorithm
- Programming competitions *(2009-2011)*
 - ACM Regionals, ACSL, USACO
- Oklahoma Math League Competition Participant *(2008-2009)*
- TEAM+S Engineering Competition Team Member *(2008)*
- Academic Team Member *(2007-2008)*
- Oklahomas Greatest Generation Project *(2007)*
 - Created video interview of local WWII veterans experiences

Leadership

- Vice President and Secretary of the W&L Programming Club (2012-)
- Vice President for Recruitment of the Sigma Phi Epsilon Fraternity at W&L (2011-)
- Social Media Chair of the Quest Scholars Network Chapter of W&L (2011-)
- Masonic “Student of Today” Leadership Award (2006, 2007)

Volunteering

- Eagle Scout Leadership Project: Cavalettis for Counseling (2010)
 - Built horse training equipment for the Tulsa Boys Home (non-profit)
 - 22.5 total hours of both planning and carrying out the project
- School Service, Oklahoma School of Science and Mathematics (2009)
 - Over 60 hours of aiding in the library and giving campus tours
- Volunteer, GreenTree Assisted Living, Sand Springs, OK (2009)
 - 22.5 hours of assisting with the needs of senior citizens
- Volunteer, Methodist Manor, Tulsa, OK (2006)
 - 40 hours of assisting with the needs of senior citizens

Employment

- Research Assistant of Computer Science at W&L with Dr. Joshua Stough (June 2011-)
 - Developed a high throughput computing environment using Condor
 - Expanding the applicability of this computing system and providing support to users
- Information Technology Client Services Assistant at W&L (September 2010-May 2011)
 - Created videos promoting various aspects of ITS and the university library
 - Digitized textbooks into a format accessible to visually-impaired students on campus
- Smith Brothers Abstract and Title Co. (June 2009 - August 2009)
 - Abstract Cataloger/Indexer, Storage Assistant, and Copy Analyst

Personal

Hobbies include programming in Python, C, and Java, reading Sci-Fi novels, playing the bassoon, and playing minor roles in Shakespearean plays.

References

Available upon request.