

Garrett Heath Koller

(full address available upon request)
Washington, DC 20010 USA

Cell Phone: (available upon request)
Email: chakra-angle01@icloud.com

As a Software Engineer, I am driven to leverage my technical skills to create solutions that not only enhance the lives of individuals but also have a positive impact on society at large by focusing on diversity, accessibility, and sustainability.

Education

Washington and Lee University, Lexington, VA (2010–2014)

B.S. Computer Science, concentration in Music (Graduated 2014)

General Assembly, Washington, DC (Sep 2017–Dec 2017)

User Experience Design course (part-time, on-campus)

Skills: Python, Java (EE, Tomcat, HK2, Guice), Scala, JavaScript, TypeScript, React/Redux, Ruby, C, APIs, Cloud (GCP, AWS), CI/CD (Docker, Bamboo, Ansible), DBs, Bash, Git, Linux, HTC (Hadoop/Cloudera)

Employment

- Senior Software Engineer at Catalist, LLC (September 2015–Present)
 - Integrated Google Cloud Storage Buckets as a file input source for internal big data matching system
 - Wrote a full-stack client-facing file processing web app using Java, Scala, TypeScript, and React/Redux
 - Enhanced multiple public-facing APIs written in Java and Scala to better fit clients' big data needs
 - Developed Scala code that leverages Elasticsearch to reconcile records from disparate big data sources
 - Wrote scripts in Python, Ruby, and Bash to validate code and reliably release projects as new artifacts
 - CI: Automated code integration and unit tests in an isolated, containerized way using Docker Compose
 - CD: Architected and automated code deployments to a new Blue/Green deployment model
 - Drafted documentation that ranged from getting-started tutorials to technical code documentation
 - Taught 30 coworkers in 3 concurrent Python courses to foster Python proficiency across the company
- Software Engineer Consultant at Booz Allen Hamilton (July 2014–September 2015)
 - Developed mission support software for a DoD client on the C3E DIA/Military Intel team
 - Utilized Java EE, Spring, and Hibernate frameworks and an Oracle Database to serve a Tomcat web app
- Interning Research Assistant at Booz Allen Hamilton (June 2013–August 2013)
 - Engineered browser anonymity solution using PHP, Java, and JavaScript for a DIA marketing project
- Technical Specialist at the Information Technology Services HelpDesk at W&L (April 2012–June 2014)
 - Resolved 2-year-long problem with Wi-Fi network periodically disconnecting every Apple device on campus
- Research Assistant of Computer Science at W&L with Dr. Joshua Stough (June 2011–May 2014)
 - Developed an HTCondor 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

Honors and Awards

- Johnson Scholarship Recipient, Washington & Lee University, Lexington, VA (2010–2014)
 - \$250,000 full-ride merit-based scholarship covering tuition, room, and board
- Eagle Scout Rank of the Boy Scouts of America (2010)
 - Built equestrian equipment for Tulsa Boys' Home for boys with behavioral and substance abuse problems
- 2nd place in the 2011 EDUCAUSE Security Awareness Video Contest (2011)

Leadership and Activities

- Appointed member of Diversity and Accessibility Committee for employees at Catalist, LLC (2020–2021)
- Secretary of GLOBE, Booz Allen Hamilton's LGBTQIA+ Diversity Group (2014–2015)
- Hackathons hosted by Booz Allen Hamilton: (2014–2015)
 - PyNight (Feb 2015): 5th place out of 200 contestants in Python programming competition
 - Hack-A-Thon for Hope (2014): Created model to predict genocide for the Holocaust Memorial Museum
- Held multiple leadership positions on W&L campus, including LGBTQIA+ orgs and fraternity (2011–2014)