Garrett Heath Koller

(full address available upon request) Cell Phone: *(available upon request)*
Amsterdam, Netherlands 1043 AC Email: chakra-angle0l@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 *(Sep 2010–May 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, JavaScript, TypeScript, React, RedwoodJS, Java (EE, Tomcat, Maven), Scala, Ruby, C, Linux, Cloud (GCP, AWS), IaC (Docker, Kubernetes, Ansible), CI/CD, Bash, SQL, Git, HTC (Hadoop/Cloudera)

Employment

- Lead Software Engineer at Catalist, LLC *(September 2015–Present)*
  - Lead developer for 10 projects across 5 different languages (Java, Scala, Python, TypeScript, and Bash)
  - Led implementation of client cloud data processing system leveraging Hadoop, Google Cloud, and Airflow
  - Developed full-stack client-facing data engineering web app using Java, Scala, TypeScript, and React
  - Enhanced multiple public-facing APIs written in Java and Scala to better fit clients' data analytics needs
  - Developed Scala code that leverages Elasticsearch to reconcile data from separate enterprise data sources
  - DevOps: Created scripts in Python, Ruby, and Bash to validate code and 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
  - Wrote 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
- Senior Software Engineer at Private Collection *(November 2024–February 2025)*
  - Developed full-stack Redwood JS (React, GraphQL, Prisma) web app for real estate brokerage clients
- 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
- Software Engineer Intern 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
- Software Engineer Research Assistant 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)*