Derek Elliott

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Experience

July 16 – current — **Staff Technologist - Data Scientist**, *Booz Allen Hamilton*, Alexandria, VA.
- Developed scalable streaming ETL pipeline
- Developed container orchestration service focusing on short lived stateless services
- Developed a scalable analytic framework with data fusion and mapping
- Developed multiple analytic algorithms as REST based microservices and Spark applications
- Worked closely with the government clients to develop and refine the development roadmap
- Acted as ScrumMaster and Technical Lead for a team of nine developers
- Reviewed and managed merge requests from over ten development teams
- Developed specialized CI/CD pipeline for deployments to secure networks
- Lead multiple client-facing meetings each week for a program of over 120 developers

May 15 – July 16 — **Security Specialist**, *AppRiver*, Gulf Breeze, FL.
- Developed accurate pattern recognition and forecast future patterns based on historical data
- Coded anti-virus rules to block malicious email campaigns using regular expressions
- Analyzed features and functions to ensure desired results
- Created dynamic email filtering rules as needed

Jan 09 – Jan 11 — **Cryptologic Linguist(Mandarin Chinese)**, *United States Air Force*.
- Obtained and held a Top Secret/SCI security clearance
- Supervised eight Airman during Technical Training
- Achieved basic fluency of Mandarin Chinese in 63 weeks

Skills

- Python, Golang, Java, Scala, Groovy
- PostgreSQL, ElasticSearch, Redis, Elasticache, Apache Kafka, Apache Spark, Apache Nifi, Databricks
- AWS, Mesos, Marathon DC/OS, Docker, Git, Maven, Jenkins, SonarQube, HP Fortify
- Agile, SAFE, Scrum, Jira, Confluence, Excel, Microsoft Office Suite
- Clustering Algorithms, Regression Algorithms, Convolutional Neural Networks for Image Processing
- Microsoft Windows Vista, 7, 8, 10, OS X, and Ubuntu based operating systems

Certifications

- Certified ScrumMaster
- AWS Certified Solutions Architect - Associate

Awards

- Basic Training Honor Graduate - 2009 - United States Air Force
- First Year Impact Award - 2017 - Booz Allen Hamilton

Education

Aug 2014 — **Bachelor of Science**, *Mathematics*, University of Nebraska at Omaha, Omaha, NE.