

# Derek Elliott

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## Experience

July 19 – Current

**Data Scientist, Elder Research, Inc, Arlington, VA.**

- Acted as technical, and development lifecycle lead on multiple government projects
- Worked closely with government clients to identify and remediate security concerns
- Maintained legacy analytic reporting desktop application
- Developed custom analytic reporting dashboards
- Developed multiple data cleaning and analytic REST based microservices for analyzing financial and text based data
- Architected a custom and extendable ETL and analytics pipeline

July 16 – July 19

**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 government clients to develop and refine a long-term 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 cross domain deployments to secure networks
- Lead multiple client-facing meetings each week for a program of over 120 developers

## Skills

- Python, Golang, Java, Scala, Groovy, Bash, Typescript, SCSS
- Angular 8, Flask, Eclipse Jetty, Apache Tomcat, Apache httpd, Nginx
- PostgreSQL, Oracle, ElasticSearch, Redis, Elasticache, Apache Kafka, Apache Spark, Apache Nifi, Databricks
- AWS, Mesos, Marathon DC/OS, Kubernetes, Docker, Git, Maven, Jenkins, SonarQube, HP Fortify, Nexus, Gitlab CI/CD
- Agile, SAFE, Scrum, Jira, Confluence, Excel, Microsoft Office Suite
- Clustering Algorithms, Regression Algorithms, Convolutional Neural Networks for Image Processing, Anomaly Detection
- Microsoft Windows Vista, 7, 8, 10, OS X, Arch, Ubuntu, CentOS, and RHEL 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.