

Derek Elliott

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Experience

- July 19 – Current **Data Scientist, Elder Research, Inc, Arlington, VA.**
- Developed custom reporting dashboards using Angular 8
 - 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 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

Skills

- Python, Golang, Java, Scala, Groovy, Bash, Typescript, SCSS
- PostgreSQL, Oracle, ElasticSearch, Redis, Elasticache, Apache Kafka, Apache Spark, Apache Nifi, Databricks
- AWS, Mesos, Marathon DC/OS, Docker, Git, Maven, Jenkins, SonarQube, HP Fortify, Nexus
- 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, 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.**