Esaa Yamini

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Summary

Big data professional. Fifteen years combined leadership experience in intelligence analysis, big data architecture, data science, developing big data programs, and military intelligence. Top Secret/SCI clearance. Multidisciplined leader and Army Reserve Officer with extensive experience leading large teams (100+) to collect, analyze, and produce tangible information for senior level decision makers. Data driven subject matter expert with an entrepreneurial spirit and passion for clear, concise, actionable information.

Technical Skills

Tools

Python, Java, Scala, GIT, Maven, Elastic, Lucene, Puppet, YAML, LDAP, R, Pandas, Tableau, Matplotlib, NumPy, Hadoop, Apache Spark, Bootstrap, Beautiful Soup, Cloud ETL, Swift, NLP, and JavaScript

Databases

US Air Force ELICSAR Big Data Platform (BDP), PostgreSQL, Extract-Transform-Load (ETL), MongoDB

Relevant Experience

Data Scientist/Developer/Engineer (Team Lead)
2020 – Present
B.E.A.T. LLC
San Antonio, TX

Leads big data team in support of U.S. Air Force Cyber Command. Responsible for planning, developing, implementation, documentation, and maintenance of big data platform (BDP). The first to be hosted on a classified network. Developed analytic software (in Scala) capable of searching the BDP for indicators of compromise. Authored several developer and big data technical manuals for data architects, developers, and data scientists to replicate milestones.

Intelligence Officer (O4 Major)
    2005 – Present
U.S. Army Reserves
    Austin, TX
Senior intelligence officer with experience in leadership roles at all Army organizational levels. Commanded a military intelligence unit sized over 110 personnel. Delivered intelligence briefings to combined civilian and military audiences. Drafted complex intelligence products for unit missions with supporting briefings using data science tools such as Palantir, Query Tree, M3, and Pathfinder. Trained, supervised, and managed an intelligence unit responsible for intelligence production for United States Southern Command (USSOUTHCOM).

Additional Experience

Senior Intelligence Analyst (multiple)
    2006 – 2012
Booz Allen Hamilton, CACI, Athena, & HSA
    Charlottesville, VA; San Antonio, TX; & Afghanistan
Leveraged big data resources to generate and brief simplified, easy to process, intelligence products. Prepared Biometric Intelligence Analysis Reports (BIARS) in support of deployed Intelligence Fusion Teams. Utilized interagency intelligence databases to compile comprehensive intelligence products. Led civilian intelligence teams in Afghanistan.

Education

Data Analysis and Visualization: University of Texas
Austin, TX
Six-month certificate granting program focused on technical programming in Python, R, JavaScript, SQL Databases, Tableau, NLP, Pandas, Hadoop, Spark, Big Data, MongoDB, & Machine Learning.

Advanced Military Intelligence: U.S. Army Intelligence Center
Fort Huachuca, AZ
2005-2017, All Source Intelligence.

Bachelor's Degree: Indiana University
South Bend, IN
2001-2005, Psychology.