Sean Forester

Data Science Leader. Hands-on technical leader adept at developing high performing teams responsible for AI/machine learning solutions and communicating results to executives. Avail: 15 Jul 2019

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Github:// **lonesome-data**
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SKILLS

ENVIRONMENT
Google Colab, Jupyter Labs/NB
MACHINE LEARNING
Pandas · R · Scikit-learn · TensorFlow
VISUALIZATION
PyViz · Bokeh · seaborn · Tableau
VERSION CONTROL
Git

EDUCATION

NAVAL POSTGRADUATE
ACADEMIC CERTIFICATE
Data Science
Monterey, CA

TUCK SCHOOL OF BUSINESS
at Dartmouth
EXECUTIVE EDUCATION CERTIFICATE

NAVAL POSTGRADUATE
MS, Computer Science
Monterey, CA

U.S. NAVAL ACADEMY
BS, Ocean Engineering
Annapolis, MD
4-yr Varsity Football

MICROSOFT PRO PROGRAM
PROFESSIONAL CERTIFICATE
Data Science
edX

COURSEWORK

GRADUATE
Advanced Machine Learning
Network Modeling and Analysis
Artificial Intelligence
Cloud Computing
Database Systems

UNDERGRADUATE
Ocean Systems Design
Advanced Electrical Engineering
Engineering Thermodynamics
Advanced Physics

EXPERIENCE

U.S. MARINE CORPS | LEAD TECHNICAL DIR, DATA AND ANALYTICS
Aug 16 - Pres | Greater San Diego, CA
- One of three officers selected out of 150 to lead multiple cross-functional teams contributing to five percent increase in material readiness of all Marine Corps ground equipment
- Translated and communicated actionable insights from complex data sets through non-routine advanced analytic methods resulting in significant changes to business behavior

U.S. MARINE CORPS | TECHNICAL DIRECTOR, DATA AND ANALYTICS
Aug 15 - Aug 16 | Greater San Diego, CA
- Led collaborative efforts of 40-associates resulting in 100 percent on-time delivery of end-to-end analyses predicated on accurate requirements specification, unbiased data collection, ETL, processing analysis (Python), recurring deliverables, and evidence-based presentations
- Explore trends by profiling/clustering data to drive internal and client improvement strategies
- Derive insights and inform clients of most influential drivers (SVD, PCA, etc)
- Conduct problem framing and causal analysis to develop strategies for business improvement

U.S. MARINE CORPS | SENIOR MANAGER, LOGISTICS OPERATIONS
Jun 14 - Jun 15 | Okinawa, Japan
- Responsible for collecting and fusing datasets from multiple sources across Asia-Pacific to inform critical decision making by leadership responsible for military forces in S. Korea, Australia, and Japan
- Devised new approaches to solving difficult statistical modeling problems resulting in improved access to sea, air, and ground training areas for all Marine Corps bases in Asia-Pacific

U.S. MARINE CORPS | SENIOR MANAGER, LOGISTICS OPERATIONS
Aug 12 - Jun 14 | Okinawa, Japan
- Worked independently and collaboratively on complex statistical modeling and analysis problems with large and complex data structures resulting in detailed concept planning and execution of thousands of participants of bi- and multi-lateral military exercises in Australia, Taiwan, Japan, Maldives, Philippines and South Korea
- Leveraged terabytes of raw satellite data to analyze real-time throughput, render in-transit visibility, and ensure 100 percent accountability of hundreds of end-items utilizing RFID and data mining algorithms

U.S. NAVAL ACADEMY | SENIOR LECTURER, COMPUTER SCIENCE DEPT
Sep 09 - Jul 12 | Annapolis, MD
- Runner-up among 20 colleagues nominated for USNA Faculty Teaching Excellence Award
- Developed technical curriculum for Computer Networks and Architecture
- Educated over 300 Computer Science undergraduates in STEM courses
- Advised over 60 computer science undergraduates
- Chaired computer science recruitment committee and exceeded STEM quota through innovative strategy focused on diversity and inclusion
- Leadership recognized by commendation for redesign of USMC Officer pipeline