Sean Forester

Data Science Manager. Hands-on technical leader adept at developing high performing teams responsible for AI/machine learning solutions in data rich environments. Avail: 15 Jul 2019

910.376.1138
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Github:// **lonesome-data**
LinkedIn:// **smforester**

SKILLS

ENVIRONMENT
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
Adv Electrical Engineering
Engineering Thermodynamics
Adv Physics

EXPERIENCE

U.S. MARINE CORPS | Data Analyst + Principal Consultant
Aug 16 - Pres | Greater San Diego, CA

- Direct daily analytic operations of internal management consultancy responsible for all Marine Corps ground units west of the Mississippi River
- Supervised and validated data collection, cleansing, and analysis contributing to nearly nine percent improvement of ground equipment readiness and operational availability by creating data derivation and linkage through diagnostic analytics and causal research
- Led collaborative efforts of three analytic engagement teams (40 associates) resulting in five percent enhancement of insight-to-value conversion rate by extracting and communicating data-centric insights
- Authored, distributed, collected, and analyzed post-audit surveys from over 30 clients resulting in complete overhaul of diagnostic analytics methodology by evaluating program effectiveness

U.S. MARINE CORPS | Data Analyst + Engagement Manager
Aug 15 - Aug 16 | Greater San Diego, CA

- Managed client expectations by directing the actions and products of a team of six consultants resulting in seamless project management and timely delivery of effective end products
- Volitionally led efforts to revamp causal analysis methodology resulting in 20 percent increase in accuracy of problem framing by training engagement teams in principles of root cause analysis
- Improved communication to client by developing Tableau visualizations illustrating analysis results in the context of comparative analytics

U.S. MARINE CORPS | Logistics Manager
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 | Logistics Manager
Aug 12 - Jun 14 | Okinawa, Japan

- Worked independently 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 S. 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 | Computer Science Senior Lecturer
Sep 09 - Jul 12 | Annapolis, MD

- Developed technical curriculum in 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