Sean Forester

Data Science Practitioner. Hands-on individual contributor with unique ability to translate requirements to engineers and communicate complex results in non-tech terms to decision makers. Avail: 15 Jul 2019

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

SKILLS

ENVIRONMENT
Jupyter Labs Notebook · Google Colab · Azure

MACHINE LEARNING
Pandas · Scikit-learn · TensorFlow · R

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

USMC Principal Consultant + Data Science Practitioner
Aug 16 - Pres | Greater San Diego, CA

- Increased military equipment availability by 5 percent leading multiple cross-functional engagement teams responsible for auditing supply and maintenance compliance by Marine Corps units West of the Mississippi River
- Improved executive summary preparation time 15 percent by creating and implementing evidence-based root cause analysis and problem framing
- Refined business practices by creating and implementing a post-audit client survey with aggregate results displayed within a Tableau dashboard

USMC Engagement Manager + Data Science Practitioner
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, munging/wrangling (Python), machine learning prototypes (Python), and evidence-based solutions
- Uncovered internal practice disparity through a neural net classifier using Google Colab and GPUs resulting in major revision to tradecraft application
- Enforced talent acquisition/retention and improved performance recognition by conducting (unsupervised) Latent Semantic Analysis in unstructured collection of archived awards and identifying key patterns

USMC Consultant + Logistics Manager
Jun 14 - Jun 15 | Okinawa, Japan

- Improved US Ambassador to Japan's decision making ability by providing key insights related to military base migration within the island of Okinawa
- Increased situational awareness of prominent government and military authorities by communicating data-centric insights from analytic rigor

USMC Consultant + Logistics Manager
Aug 12 - Jun 14 | Okinawa, Japan

- Planned and executed numerous multinational military exercises and humanitarian assistance / disaster relief projects in Australia, Taiwan, Japan, Maldives, Philippines and S. Korea by independently and collaboratively coordinating all transportation, lodging and global supply chain initiatives
- 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

- Runner-up among 20 candidates nominated for Faculty Teaching Excellence
- Taught computer architecture, networking, cyber security, algorithm complexity and machine learning concepts such as convex optimization/modeling, regularization and perturbation
- Hand-selected from nine postgraduate CS candidates to teach at the US Naval Academy as a Senior Computer Science Instructor
- Exceeded STEM, diversity, and inclusion quotas established by the Secretary of the Navy by analyzing and empathizing with behavioral economics of students and competition (other departments) as Chair of Computer Science Dept Recruitment Committee