

# Sean Forester

Data Scientist. Leadership forged at US Naval Academy and Marine Corps. Technical acumen built through hands-on experience after earning M.S. in Computer Science. Available in September.

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Github://lonesome-data

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## 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

### AUCTION.COM LEAD DATA ANALYST + DATA SCIENCE PRACTITIONER

May 19 - Aug 19 | Irvine, CA

- Drove and delivered business insight and customer engagement understanding through analytic dashboard reporting
- Partnered with other data science teams to build and improve descriptive analytics and predictive modeling.
- Supported regular ad-hoc data querying and analysis to better understand customer behaviors.

### USMC PRINCIPAL CONSULTANT + DATA SCIENCE PRACTITIONER

Aug 16 - May 19 | 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

Aug 12 - 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
- 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

### 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
- 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