Bradley Nott

(310) 923-6337
Aptos, CA
bradley.nott@gmail.com
https://www.linkedin.com/in/bradleynott

Profile

Veteran U.S. Navy officer with 11 years of professional experience in strategic planning, operations, and data analysis. Creative, driven, and passionate about uncovering patterns in data that enable better decisions.

Projects

CLASSIFYING SCRAP METAL ON THE EDGE
UC Berkeley

➢ Developed original data set for image classification of scrap metal products using an edge device (NVIDIA Jetson TX2),

REAL RELEVANT REVIEWS
UC Berkeley

➢ Developed a procedure to identify and rank helpful online product reviews Trained neural networks (LSTM, BERT) with text data from user product reviews

EFFECT OF VOICE ASSISTANCE TECHNOLOGY ON ADHERENCE TO DAILY DOSAGE SCHEDULE
UC Berkeley

➢ Conducted randomized experiment with custom Amazon Alexa apps

➢ Designed Python Flask web app to monitor experiment progress, store/retrieve data from a MySQL database, and message participants using Twilio

NFL BIG DATA BOWL
Competition Contestant

➢ Recognized by NFL Director of Data & Analytics for noteworthy project that analyzed Next Gen Stats player-level sensor data in Python. Evaluated ways that player speed contributes to rushing play effectiveness.

Skills

Python, R, SQL, MATLAB

Machine Learning (ML)

Deep Learning

Natural Language Processing (NLP)

Big Data Processing (PySpark)

Cloud Computing (AWS, GCP)

Edge Computing

Experiment Design

Statistical Analysis

Education

MASTER OF INFORMATION AND DATA SCIENCE
University of California, Berkeley, CA

MASTER OF SCIENCE (M.S.) PHYSICAL OCEANOGRAPHY
Naval Postgraduate School, Monterey, CA

NAVAL AVIATOR
U.S. Navy Flight School

BACHELOR OF ARTS (B.A.) HISTORY
University of California, Los Angeles, CA

Work Experience

CARRIER STRIKE GROUP THREE, U.S. NAVY
OCT 2015 - APR 2018

ASSISTANT CURRENT OPERATIONS OFFICER
➢ Organized complex scheduling assignments into visualizations for a two-star admiral and other senior leadership that enabled the efficient management of the largest naval exercise in the world

➢ Combined data from key stakeholders and generated operational reports to assist senior leadership with coordinating the operations of a 7,500+ member organization

➢ Collaborated with a 6-person team to interpret real-time sensor data; communicated daily recommendations to senior leadership in direct support of strategic decisions

Continued

HELICOPTER MARITIME STRIKE SQUADRON 75, U.S. NAVY
NOV 2009 - JUN 2013

ASSISTANT TRAINING OFFICER
DEC 2012 - JUN 2013

➢ Devised an optimal scheduling strategy that maximized training qualifications for 65 coworkers in 4 months, resulting in an award for an outstanding program

DETACHMENT OPERATIONS OFFICER
OCT 2010 - NOV 2012

➢ Designed and supervised a training plan that led to the certification of a new 25-member department on a highly compressed timeline. Ensured that senior leadership could meet critical long-term objectives on budget and on schedule

➢ Mentored prospective team leaders on technical systems and operational decision-making, resulting in the successful qualification and career progression of 12 coworkers

ASSISTANT AVIATION SAFETY OFFICER
NOV 2009 - SEP 2010

➢ Collected, tracked, and analyzed data on essential occupational and aviation safety programs; promoted a strong organizational safety culture directly contributing to the milestone achievement of 150,000 mishap-free flight hours

COMMUNICATIONS OFFICER
NOV 2009 - OCT 2010

➢ Maintained database and physical inventory of classified material and cryptographic communications equipment with 100% accountability, resulting in an outstanding program assessment by regional evaluators

➢ Led a department of 6 IT technicians as a program manager