Fredrick Lambuth

Data Scientist

Secret Clearance (expires FEB 2022)

(713) 839 5385
flambuth@gmail.com
fredlambuth.com,
Linkedin: /fredricklambuth
Github: /flambuth

Data Science has shown me more than just methods for interpreting data. Leveraging the diversity of complementing tools allows me to see its application in cyber-security, infrastructure, and software development. I strive to be the person that co-workers come to first for help; the person you want when approaching a big problem or fixing an everyday aggravation.

KEY COMPETENCE

Data Science:

Python - SQL - Pandas - Matplotlib - SKLearn - NLP - Excel - Tableau - Jupyter Notebooks - Anaconda

DevOps:

Solaris – Redhat – BASH - Nginx – ServiceNow – Git – Ansible – AWS EC2 - Django – Wordpress – MySQL

EDUCATION

AUG 2019 – JAN 2020
Certificate of Completion
Codeup
SEP 2003 – MAY 2008
B.A. of Political Science
Texas A&M University

PROJECTS

Time Series Analysis
Used 9 months of sensor data to analyze all plausible patterns found in the data. SK-learn algorithms were used to find underlying components and SARIMAX used to make predictions for the following 2 weeks.

Steam Code Webscraper
Created a web scraping Python application using BeautifulSoup that searches Reddit.com for redeemable game codes on the Steam app.

Real Estate Estimation
With a dataset of home sales recorded over a month, found non-geographic clusters, using K-Means, to improve accuracy of home price predictions.

PROFESSIONAL EXPERIENCE

Unix Systems Engineer, CACI, Inc.
Norfolk, Virginia
FEB 2018 – AUG 2019

Maintained the Solaris 10, 11 and Red Hat servers in the development and test environments for a suite of PMO-IT applications servicing NAVSEA owned shipyards.

Performed daily system monitoring of the integrity and availability of over 100 VMs and containers; reviewing system logs and verifying timely completion of scheduled jobs.

Electronic Technician, US Navy
Norfolk, Virginia
JAN 2012 – DEC 2017

Electronic Technician billeted to maintain the hardware and software for the S-TADIL-J wireless data network, providing radar track sharing between air, surface and submarine network participants. S-TADIL-J hardware utilized HP-Unix, Linux and VxWorks systems locally networked into the Common Data Link Management System.

Supervised a work-center of over twelve sailors, each billeted as a maintenance expert on a shipboard communication or radar system. Maintained an accurate log of work-center activity, in physical and digital form. Administered a >$1 M operating budget. Predicted man-hour needs when planning for quarterly or annual maintenance.

ESL Instructor, Ministerio de educacion publica de Espana
Bolanos de Calatrava, Ciudad Real, Spain
AUG 2009 – AUG 2011

Awarded a teaching internship provided by Spanish government. Planned, implemented, monitored, and assessed a classroom instructional program for English as a Second Language for fifth and sixth grade students.