

# Fredrick Lambuth

## Data Scientist

Secret Clearance (expires FEB 2022)

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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 - Natural Language Processing -  
Excel - Tableau - Anaconda

DevOps:

Solaris - Redhat - Bash - Nginx -  
ServiceNow - Git - Ansible - AWS EC2 -  
Django - Spark - Flask

## EDUCATION

### Codeup

AUG 2019 – JAN 2020

Certificate of Completion

### Texas A&M University

SEP 2003 – MAY 2008

B.A. of Political Science

## PROJECTS

### Survey Analysis 01/20

Automated the analysis of written survey responses using NLP methods. Created model to predict key responses.

### NLP Analysis of GitHub 12/19

Predicted the primary programming language of most popular GitHub repositories.

### Time Series Analysis 11/19

SK-learn was used to find components of Fitbit data and SARIMAX used to make predictions for the next 2 weeks.

### Steam Code Web-scraper 02/19

Web scraping Python application using BeautifulSoup that searches Reddit.com for game codes on the Steam app.

## 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 and maintenance depots.

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. Created regular reports of hardware and software performance.

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.