FREDRICK LAMBUTH

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PROFESSIONAL EXPERIENCE

Logic2020   **Remote**
Data Engineer   *October 2023 - Present*
- Back-end software development with Palantir Foundry
- Developing data pipelines for triggering customer notifications of electrical power outages.

Aspirent   **Remote**
Data Consultant   *September 2022 - September 2023*
- Developed a customizable PySpark module for data quality assessment of pipeline steps.
- Created and deployed Python scripts to perform anomaly detection on Medicare claims.
- Converted Teradata stored procedures into PySpark notebooks within Azure Synapse.
- Implemented AWS Glue jobs to capture data change from API endpoints.
- Maintained continuous integration of Synapse objects with Github.
- Crafted GraphQL queries that match data model to extract sales data from a REST API and loaded to AWS Redshift
- Communicatd with client employees to find requirements for the proper data architecture

KYM Advisors   **Remote**
Senior Data Analyst   *October 2021 - September 2022*
- Managed data quality program of all active applications for citizenship for the US Citizenship & Immigraiton Services
- Refactored monolithic SQL scripts into a modularized PySpark framework held in Databricks environment
- Administered data lake metadata with Hive to give users tables capable of SQL queries
- Deployed Python library holding complex SQL queries for use by fellow analysts to Databricks
- Integrated Delta Tables to allow for time-travel functions in data quality reports
- Added unit test to ETL pipelines to check for data quality before writing to tables

Wells Fargo   **San Antonio, TX, USA**
Analytics Consultant   *January 2020 - September 2021*
- Collaborated with stakeholders to design dimensional models for data marts
- Replaced manual SAS queries and Excel macros into a single, shareable Pandas script
- Designed Tableau and Power Bi dashboards for business intelligence reporting
- Analyzed trainer to trainee ratios among regions to identify human resource bottlenecks
- Managed SharePoint site, and a semi-daily SSIS job processing data from the site
- Replicated forecasting model using multi linear regression model with Python to meet risk management comliance
- Wrote and orchestrated PowerShell scripts to request external data from web APIs
- Transferred data pipelines from SQL Server to Azure Data Factory

CACI   **Norfolk, VA, USA**
Linux System Administrator   *February 2018 - December 2019*
- Managed IT and security of VMs and containers hosting Java and COBOL apps for the Dept of Navy repair depots
- Collected admin tasks into testable BASH scripts shareable with other members of Agile team
- Developed process to analyze compute and I/O logs for KPIs and publish to a human-readable PDF with data visualizaton.
- Reintegrated a retired COBOL application into the current software environment
- Augmented Unix accounts with T-SQL functions for analysts working in CLI only environments on Oracle databases

United States Navy   **Norfolk, VA, USA**
Electronic Technician   *February 2012 - February 2018*
- Served as a maintenance operator for wireless network equipment aboard the USS Ford.
- Authored a ship's handbook for troubleshooting LINK network failures
- Established records management for dept's supply requests in Excel
- Set up email notifications in Outlook for scheduled reminders and triggered events
- Oversaw technical training for department career advancement program

CERTIFICATIONS

Databricks - Associate Developer for Apache Spark
Microsoft - Azure Data Engineer

EDUCATION

Codeup   **August 2019 - January 2020**
Associate's, Data Science

Texas A&M University - College Station   **September 2004 - July 2009**
Bachelor's, Political Science

SKILLS

Skills: Apache Hive, Apache Spark, Bootstrap, Data Analysis, Django, Flask, Jupyter, Business Analytics, HTML/CSS, PowerShell, Linux/Unix, Microsoft Azure, Python NLTK, Pandas, REST APIs, SQL, Tableau, Terraform, Natural Language Processing (NLP), Python, UI/UX Design, Web Development, Quality Assurance (QA), TCP/IP