

# Solomon Rotich

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Data Scientist with experience in Full Stack Web Developer, data analysis experience and a background in healthcare Administration, focused in Nuclear Medicine and data quality. Recently earned a certificate in Data Science from Southern Methodist University, Texas. Skills in Python, HTML, CSS, JavaScript, Node.js, Tableau, Geo-mapping, Matplotlib and strengths in problem solving, analytical thinking, and teamwork. Excited to leverage tech skills to develop responsive and progressive web applications.

## TECHNICAL SKILLS

**Languages:** JavaScript, CSS3, HTML5, Python.

**Tools:** MongoDB, React.js, Node.js, Matplotlib, SQLAlchemy, Postgres, jQuery, Bootstrap, Plot.ly.

**Applications:** GitHub, Heroku, MongoDB Compass, MacOS, Windows.

## PROJECTS

**Price Prediction** | [Link to GitHub](#) | [Link to deployed project](#)

- Summary: A price prediction web application that allows users to predict the cheaper fare price for the two leading companies; Uber and Lyft. Users can select point of origin and destination in conjunction with few other weather related variables that can affect the price then submit. The web will in turn call an API of the data and compare the prices of two companies and provide the cheaper option.
- Role: Backend and Frontend developer.
- Tools: HTML, CSS, React, Javascript, API, Geo-coding, Data cleaning Jupyter.

**Web-Scraping Experience** | [Link to GitHub](#) | [Link to deployed project](#)

- Summary: A Matrix fan page dedicated to the Hovercrafts shown in The Matrix Trilogy. Users are able to create an account to save or delete their favorite hovercrafts.
- Role: Frontend designer, also worked on some backend routes.
- Tools: HTML, MongoDB, Flask App, Jupyter Notebook, CSS

**Paranormal Sighting** | [Link to GitHub](#) | [Link to deployed project](#)

- Summary: Paranormal activity sighting web application that provides end users with the outlook for multiple locations within and around Northern America. The sightings include a variety of paranormal activities such as haunted houses, bigfoot, UFO's and amazing places as reported.
- Role: Backend, Frontend, Fask, API
- Tools: HTML, CSS, JavaScript, jQuery, Web-Scraping, Bootstrap

## EXPERIENCE

Aug 2016 - Current

DHA - Womack Medical  
Center

***Nuclear Med. & Quality Specialist***

**Ft Bragg, NC**

Assessed, analyzed, evaluated, reported, and presented the COVID Community Partnership Program at the Office of Health Disparities.

- Coordinated activities with the Surveillance Team and the Immunization Program, and produced the Utah COVID vaccination by Race/Ethnicity Weekly Report at the Utah Coronavirus website.
- Coordinated with and provided training/technical assistance to community-based organization data quality control personnel.
- Assisted with coordination of COVID testing partners to ensure data sharing protocols and timely data access.
- Produced a series of health equity and health disparities reports, and presented at the 2021 Public Health Conference for Utah.

### **Lungu Express LLC**

**Jan 2019 - Sept 2022 (Part time)**

#### ***Logistic & Data Specialist***

**Burleson, TX**

Clinical rotations in the Department of: Pediatrics, Obstetrics and Gynecology, Hematology, Respiratory, Endocrinology, Cardiology, Cardiothoracic Surgery, Urology, and Orthopedics.

- Greatly sharpened my logical thinking ability not only in diagnosing and treating diseases, but also in problem solving in everyday life.

Helped prevent patients from fatal illness and improve their quality of life, and also strengthened my communication skills with patients.

### **Winn Medical Center**

**June 2014 - Aug 2016**

#### ***Radiology & Nuclear Medicine Specialist***

**Ft Stewart, Ga**

Assessed and evaluated the Connect to Collect program aiming to increase the enrollment in Earned Income Tax Credit among low-income households.

- Compiled data from clients via ongoing survey resources from Connect to Health and VITA, analyzed clients' social needs, and designed a process evaluation report to provide early feedback regarding the program's activities and procedures.

### **Brooks Army Medical Center**

**Apr 2013 - June 2014**

#### ***Radiology Specialist***

**San Antonio, Tx.**

Participated in ward rounds, outpatient services, and cardiac surgeries at the National Heart Centre Singapore.

- Learned how to effectively organize and coordinate teamwork in the operating room

## **EDUCATION**

### **Certificate in Data Science**

Southern Methodist  
University

**2015 - 2018 San Antonio, TX**

### **Master of Healthcare Administration**

University of Incarnate  
Word

**2009 - 2012 San Antonio, TX**

### **Bachelor of Science**

Nuclear Medicine Technology  
University of Incarnate  
Word

**2022 - 2022 Dallas, TX**