

High-energy, self-starter focused on increasing efficiency.
I like solving problems and developing tools that help build a better tomorrow.

EMPLOYMENT

Bluelabs Analytics

Data Operations Lead · Sept. 2020 to Current

- Design, automate, build, and launch scalable, efficient and reliable data pipelines into production using Python
- Architected and deployed a set of custom Python libraries, including: an email-parser that processes and applies predictive NLP models to tens of thousands of emails; a suite of tools that interact with our MPP database (Vertica) to streamline real-time reporting capabilities; and a tool that generates customizable reports and Excel-based dashboards for our clients
- Write advanced queries using Ruby-templated SQL that enable millions of pieces of consumer outreach, per week
- Provide mentorship and code-review for more junior colleagues

Results for Development

Project Officer · Jan. 2017 to Aug. 2020

- Built and oversaw multivariate regression models to inform Tanzanian Ministry of Finance on health budget creation while serving as visiting Health Financing Specialist
- Designed and oversaw implementation of monitoring and evaluation strategy of global health financing learning cohorts
- Authored numerous publications on evaluating primary health care outcomes and health care financing
- Presented research findings at conferences in: Hanoi, Vietnam; Bridgetown, Barbados; Kampala, Uganda; Nairobi, Kenya; Kuala Lumpur, Malaysia; Addis Ababa, Ethiopia; Dar es Salaam, Tanzania; Dodoma, Tanzania

PROJECTS

ZeroDays.live

Nov. 2020 to Current

- Architected and deployed automated dashboard that tracks daily incidents of gun violence in the United States
- Developed Twitter-bot that shares updates on gun violence statistics across the United States (@ZeroDaysLive)

Tech stack: Python; SQLite; Docker; AWS

BeepThisJeep.com

May 2020 to Current

- Web-app that displays geo-tagged photos from a cross-country road trip
- Leverage Flask and the Gmail API to create an automated pipeline where tagged images, sent to an application-specific email inbox, are pulled in and mapped to their appropriate location on the map using geocoding.

Tech Stack: Python; Flask; Docker; AWS

AllysonEnglish.io

Mar. 2020 to Current

- Personal website featuring projects, work experience, and musings

Tech Stack: Javascript; JQuery; HTML; CSS

SKILLS

TECH: Python, JavaScript, SQL, HTML, CSS, Vertica, SQLite, Airflow, Docker, AWS, Git

PROJECT MANAGEMENT: Technical workstream management, Budget creation and management, Asana, Confluence, Jira

EDUCATION

Boston University

Bachelor of Science 2015

Master of Public Health Epidemiology 2016