Alejandro Socarras

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Energetic and proactive junior data engineer transitioning from research and biostatistics. Driven to solve problems.

PROJECTS

City-Crime: ELT pipeline and Dashboard using Chicago and Denver crime data
Python, Google Cloud, BigQuery, SQL, DBT, Looker

Airflow Code Review: Sample code assignment from Epicodus
Python, Airflow

BigQuery Code Review: Another sample code review assignment from Epicodus
Python, SQL, BigQuery, Looker

EDUCATION

Epicodus, Data Stack Academy — Oct 2022 - April 2023
A full-time, 27-week program in software development and data engineering with an industry-driven curriculum centered on pair programming. Following 20 weeks of bootcamp instruction, I will begin a five-week internship with a cloud computing company where I'll apply everything I have learned in a real-world production environment.

University of Virginia (BA) — 2019
Echols Scholar Program
Major: Middle Eastern Studies/Arabic (**4.0**)
Minor: Philosophy (**3.9**)

SKILLS

Technical Skills

- Python
- R (ggplot2, tidyverse, shiny)
- SQL/MySQL
- Bash and Linux
- Git
- DBT
- Airflow
- Spark
- Google Cloud & BigQuery
- HTML, Javascript, & CSS

Non-technical

- Collaborating across teams
- Time and project Management
- Self-learning new technologies
- Active listening
- Data modeling

EXPERIENCE

Junior Data Engineer   Mar 2023 - April 2023
(TBD)

Private Tutor & Research Collaborator   May 2021 - October 2022
- Provided private tutoring in mathematics, language arts, and standardized testing
- Performed while completing college coursework online in advanced mathematics and further contributing to research projects in public health as a data analyst

Research & Data Coordinator   November 2019 – May 2021
Syrian American Medical Society (SAMS)
- Act as data management, analysis, and visualization lead using R for three long-term research projects, two of which are pending publication in BMJ Global Health (accepted as of July 2022)
- Create mapping program using R's Shiny package to visualize attacks on healthcare facilities in Northwest Syria
- Update and maintain Microsoft Power BI dashboards interfacing with internal medical information database
- Liaison with external research partners and academic institutions, providing logistical support and securing data transfers with encryption best practices