



Alejandro Socarras

DATA ENGINEER

Profile

In my time as a research coordinator and data analyst in non-profit public health, I realized that building software was even more exciting to me than academic research. That's why I jumped head-first into the world of data engineering through the data bootcamp at Epicodus, where I'm focused on developing the technical abilities to solve complex data problems and generate value for organizations. I'm dedicated to leveraging my expertise in data analysis to build cutting-edge data engineering solutions that have a significant impact.

Employment History

Junior Data Engineer, TBD

MARCH 2023 – APRIL 2023

As a capstone to the 27-week full-time curriculum in data engineering at Epicodus, I will complete a five-week internship with a cloud computing company where I'll apply everything I have learned in a real-world production environment.

Private Tutor and Research Collaborator, Self-Employed

MAY 2021 – OCTOBER 2022

- Provided private tutoring in Algebra, Geometry, and Calculus to students ranging from 9th to 12th grade
- Performed while taking graduate coursework online in mathematics and contributing data analysis to research projects in public health
- Improved ACT math scores by an average of 5 points for 6 students in the 2021-2022 academic year

Research and Data Coordinator, Syrian American Medical Society, Washington, D.C.

NOVEMBER 2019 – MAY 2021

- Acted 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 July 2022)
- Created mapping program using R's Shiny package to visualize attacks on healthcare facilities in Northwest Syria
- Updated and maintained Microsoft Power BI dashboards interfacing with internal medical information database
- Liaisoned with external research partners and academic institutions, providing logistical support and securing data transfers with encryption best practices

Education

Data Engineering Bootcamp, Epicodus

OCTOBER 2022 – APRIL 2023

A full-time, 27-week program in software development and data engineering with an industry-driven curriculum centered on pair programming and project-based learning.

Arabic and Philosophy (BA), University of Virginia

AUGUST 2015 – MAY 2019

Echols Scholars Program, Cum Laude

Details

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United States

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Links

[Personal Site](#)

[LinkedIn](#)

[GitHub](#)

Skills

Python

R

SQL

DBT

Google Cloud Platform

Apache Spark

Hobbies

Hiking, biking, and learning about philosophy and world religions. I had the time of my life living out of my car for two months while visiting national parks, and ever since I've daydreamed about making a move to Walden Pond.