

Hector Salgado

Python | SQL | Data Analyst

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Profile

Passionate for data exploring and organizing large datasets. Curiosity with ability to learn new concepts, scripts, and methods. Ability to manage multiple, competing priorities simultaneously. Ability to deliver work in an organized, and on-time fashion. Ability to work in highly collaborative, cross-functional environments.

Professional Experience

Social Security Admin, San Leandro CA — *Claims Specialist/Analyst*

Nov 2009- Dec. 2019

Manage query large cases of files for social security claims.
Process disability, Medicare, and supplemental applications for benefits.
Process disability reconsiderations, hearings and appeals council for denied claims.
Analyze and review program policies and regulations.
Identify existing data resources, research and review relevant legislation, regulations, SSA policies and other internal and external reports.

Provide technical expertise on the most effective use of software/systems.

CSULA., Los Angeles CA — *Academic Advisor*

Mar. 2008 - Nov. 2009

Academic Advisor for high school students.
Tracked and managed student records.
Prepared students to enter and succeed in postsecondary education.
Assisted and tutored students in Algebra classes.

Education

CSULA, Los Angeles — *Master's Degree in Sociology*

December 2011

Advanced study in behavioral research methodology, qualitative and quantitative social science, survey design, experimental design, sampling surveys, scaling techniques, models, simulation, and data analysis.

CSULA, Los Angeles — *Bachelor's Degree in Sociology*

December 2008

Galvanize Inc, San Francisco — *Data Science Prep*

Udemy, San Francisco — *Data Science Prep*

Jan 2020 - Sept 2020

- Python, SQL, Unix, Git, GitHub, Numpy, Pandas
- Object-Oriented Programming OOP
- Statistics, Probability, Linear Algebra
- Interactive Python Dashboards with Plotly and Dash
- Spark and Python for Big Data with Spark
- Natural Language Processing NLP using Python
- Python for Data Analysis, Visualization and Time Series
- Tensorflow 2 and Keras Deep Learning
- PostgreSQL

Programming Skills

Python

PostgreSQL, SQLite

HTML / CSS / Bootstrap

BASH / Git / GitHub

Pandas, Numpy

Data Analysis and Visualization

Data Wrangling

Sci-kit Learn, Matplotlib, Seaborn

Dash and Plotly

Spark

Tensorflow / Keras

Natural Language Processing

Jupyter Notebook

Skills

Analytical

Teamplayer / Collaboration

Strong Work Ethic

Critical Thinking

Communication

Research Methods

Statistics / Probability

Linear Algebra

Customer Service

Awards

Performance Award (ROC)

Languages

English/Spanish

Interests

Django / Flask

Docker / AWS

MongoDB / Scala