Hector Salgado

Python | SQL | Spark | Data Analyst

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Professional Experience

Social Security Admin., San Leandro CA — *Claims Specialist*

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 formal and informal technical guidance to colleagues regarding policies.
Provide technical expertise on the most effective use of software/systems to.

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 research methods, survey design, experimental design, sampling surveys, scaling techniques, models, simulation, and computer data analysis.

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

December 2008

Galvanize Inc, San Francisco — *Data Science Prep*

Jan 2020 - Sept 2020

- Statistics, Probability, Linear Algebra
- Python, SQL, Unix, Git, GitHub, Numpy, Pandas
- Object-Oriented Programming OOP

Udemy, San Francisco — *Data Science Courses*

- Python for Data Science and Machine Learning
- Interactive Python Dashboards with Plotly and Dash
- Spark and Python for Big Data with Spark
- NLP - Natural Language Processing using Python
- Python for Data Analysis and Visualization
- Python for Time Series Data Analysis
- Complete Tensorflow 2 and Keras Deep Learning
- PostgreSQL

Programming Skills

Python

PostgreSQL, SQLite

Pandas, Numpy

Sci–kit Learn, Matplotlib, Seaborn

Dash and Plotly

Spark

Data Analysis and Visualization

Machine Learning

Tensorflow / Keras

Natural Language Processing

Jupyter Notebook

Git

Skills

Teamplayer

Strong Work Ethic

Collaboration

Critical Thinking

Communication

Methods Research

Statistics / Probability

Awards

Performance Award (ROC)

Individual Cash Award

Languages

English/Spanish

Interests

Django / Flask

Docker / AWS

Tableau

MongoDB

Scala