**Sean Sanchez**

seansanchez951@gmail.com ❖ Amsterdam, NL ❖ +31 627272264 ❖ linkedin.com/in/seansanchez951

**WORK EXPERIENCE**

**DJ Monitor Jan. 2023 – Present**

*Data Scientist Amsterdam, NL*

* Developed similarity matching algorithms to cluster original and derivative tracks. Enabled clients to improve royalty recovery rates by 50% through accurate and enriched reporting of music metadata.
* Built scalable ETL pipelines to address the company's rapid growth of data, streamlining collection and integration processes. Enabled seamless real-time operations and supported a 3x increase in data sources.
* Automated daily hardware reports with dynamic visualization dashboards. Reduced reporting time by 80%, enabling faster response to device performance issues.

**Pathloom Aug. 2021 – Nov. 2021**

*Data Science and Engineering Intern San Ramon, CA*

* Extracted and engineered 350+ geographical and geological big data sets relevant to the company’s objectives.
* Spearheaded data collection and organization solutions to accelerate the company’s database expansion across 5 different geographical sites.
* Integrated the database and geographical visualization tools to enhance the app’s capabilities.

**Vanderlande Industries May. 2017 – Oct. 2018**

*Spare Parts Coordinator Los Angeles, CA*

* Managed the inventory and purchasing of spare parts for Tom Bradley International Airport’s baggage and jet bridge system, maintaining a 90%+ inventory accuracy rating during annual audits by ensuring alignment between counted inventory and expenditure on parts.
* Collecting spare parts information from third party suppliers to create accurate and timely purchase orders.
* Created reporting dashboards to service recurring and ad hoc inventory data inquiries.

**EDUCATION**

**University of San Francisco May. 2022**

*BS, Data Science San Francisco, CA*

* Computer Science Coursework: Data Structures and Algorithms, Machine Learning, Relational Databases, Object-Oriented Programming, Software Development, Data Visualization, Data Science
* Mathematics Coursework: Statistics, Linear Regression, Probability, Linear Algebra, Discrete Mathematics

**SKILLS**

Programming: Python, SQL, Java, Docker, Git, Bash

Machine Learning & AI: Keras, Langchain, Predictive Modeling, Natural Language Processing, Deep Learning, CNN

Data Engineering: Postgresql, AWS, GCP, Dynamodb

Data Visualization: Tableau, d3.js

Misc: Data Storytelling, Product Design, Stakeholder Communication, Team Collaboration, Oracle ERP Software

**INTERESTS**

AI tools, Running, Yoga, Vinyl Collecting, Dog Training, Cooking