



Andrew Burda

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Professional Experience

Business Analyst April 2023 – present

Dune Labs Inc.

- Led water sub-metering solution installation teams at new properties across 5 States, leading to an increase in quarterly revenue of 25%
- Implemented data analysis for leak detection at properties, resulting in 20% improved water conservation and cost reduction
- Built customer facing dashboards increasing customer retention and company value
- Designed and implemented an internal web application that increased the efficiency of meter installers by 15%
- Utilized business analytics techniques to develop ETL pipelines with SQL, Excel, and Python, creating key ad hoc reports for strategic decision-making by leadership

Data Analytics Intern January 2022 – April 2023

Dune Labs Inc.

- Utilized analytics techniques to recognize water leakage
- Developed frontend of dashboard widgets enhancing fleet management
- Coordinated meter installations leading to a 30% increase in production
- Maintained communication between deployed systems and management dashboards

Software Testing Intern June 2022 – August 2022

Tandem Diabetes Care

- Wrote python scripts for scraping and analyzing company social media platforms
- Performed Natural Language Processing to create user sentiment analytics
- Designed and manufactured 3D models to improve usability tester onboarding
- Validated test protocols for medical device software
- Tested usability of products in development pipeline

Education

B.S. of Cognitive Science - Human/Computer Interaction

University of California, San Diego

A specialized degree blending psychology, neuroscience, linguistics, and computer science, focused on human behavior and intelligence, emphasizing skills in design, programming, and data analysis

Technical Skills

Artificial Intelligence

NLP, LLM, Prompt Engineering

SQL

mySQL, DBeaver, ETL Processes

UX/UI

Figma, A/B Testing, Adobe XD, Prototyping, Usability

Data Visualization

Tableau, Power BI, Trendz (Thingsboard)

Python

Seaborn, Plotly, Matplotlib, Folium, REST API

Excel

PivotTables, V-lookup, Filters, Charts

Certificates

Python for Data Science and Machine Learning Bootcamp

Udemy: Bootcamp

SQL - MySQL for Data Analytics and Business Intelligence

Udemy: Bootcamp

Cs50: Intro to Computer Science

HarvardX