Jay Haygood ✨

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PROFESSIONAL SUMMARY

Data Analyst with 10+ years of experience in Consumer Electronics & Database Management; 12+ years – Quality Assurance & Technical Environment; 15+ years Entertainment & Audio Production; 3 years - Independent Business Owner; Expert level experience in database management, audio/video technology, and consumer electronics industries

PROFESSIONAL HIGHLIGHTS

- **Tech:** Successful Software QA and Platform Validation Engineer for major technology companies, 12+ years
- **Craftsman:** Founded and operated custom musical instrument business: *PlanetNine Guitarworks,* 2017- 2020
- **Musician:** Performed, recorded and instructed as featured guitarist with regional & International artists and music labels
- **Honors:** Appointed ISO 9000 Audit Team Representative; Outstanding Audit Cell Development: *Dell Technologies*

SKILLS

- **Data Analysis:** Data Sourcing, Data Mining, Data Profiling and Wrangling, Grouping and Summarizing Data, Aggregations, Visualizing Insights, Relational Databases and Querying, Descriptive and Predictive Analysis, Exploratory Analysis, Machine Learning, Time Series Analysis and Forecasting, QA Processes, Results Reporting
- **Tools:** Tableau Desktop, Jupyter Notebooks – Python, Anaconda Navigator, PgAdmin – PostgreSQL, GitHub, Vimeo Record, MS Office Applications, Excel, PowerPoint, MS Windows Environments, QuickBooks Enterprise

PROFESSIONAL PROJECTS - *Featured as course examples for CareerFoundry students*

UFO Sightings Case Study
- Sourced data to meet project criteria, performed exploratory and regression analyses using Python in Jupyter Notebooks
- Conducted geospatial analysis, textual analysis of unstructured data, and cluster analysis to reveal trends and correlations among 80,000+ events

Rockbuster Stealth - Video Streaming Forecast
- Performed complex queries in PostgreSQL using PgAdmin, table joins and subqueries, composed data dictionary
- Presented final visualizations and recommendations in Tableau Public

US Influenza Season Staffing
- Created temporal visualizations, scatter plots, spatial analyses, choropleth maps and interactive features using Tableau
- Integrated multiple data sources for insights and hypothesis testing, produced audio presentation of forecasting results

RELATED EXPERIENCE

Data Reporting Analyst 2022 - Present
James Industry Research Group Clackamas, OR (Remote)
- Presenting results from social and market research for major survey clients and multiple focus group projects, through statistical and qualitative analysis

Consumer Electronics Analyst 2006 - 2015
Eurotubes, Inc Milwaukie, OR
- Managed QuickBooks and ProductCart databases; Tested and graded product used in music amplification and recording

Platform Validation & Software QA Test Engineer 1997 - 2005
Intel Corporation Hillsboro, OR
InFocus Corporation Camas, WA
Sharp Labs of America, Inc Wilsonville, OR
Hewlett Packard Corvallis, OR
- Developed test cases; Identified functional issues and performed product integration; Evaluated hardware performance and video quality; Tested and pre-qualified computer operating systems

OTHER EXPERIENCE

Consignment Coordinator 2016 - 2017
Millennium Enterprises, Inc. Portland, OR
- Specialized in daily in-house accounting, and tracking sales of independently produced music and related products

EDUCATION

CareerFoundry 2021 - 2022
- Data Analytics Certification Online

Clark College 2016
- Small Business Management Vancouver, WA