

JAY HAYGOOD

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Data Analyst with a background in platform validation and software quality assurance. Expert level experience in database management, audio - video technology, and consumer electronics industries.

Experience: 10+ years - Consumer Electronics & Database Management; 12+ years – Quality Assurance & Technical Environment; 15+ years Entertainment & Audio Production; 3 years - Independent Business Owner

Skills: 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, Analysis 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



PROJECTS

Data Analyst - Austin, TX

[UFO Sightings Case Study](#)

April 2022 – Current

- Sourced data to meet project criteria, and performed initial exploratory and regression analyses using Python scripts 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](#)

November 2021 – January 2022

- Performed complex database queries in PostgreSQL using PgAdmin, involving table joins and subqueries, and composed related data dictionary.
- Presented final visualizations and recommendations in Tableau Public; Recommended as course achievement example for CareerFoundry students.

[US Influenza Season Staffing](#)

October 2021 – November 2021

- Created temporal visualizations, scatter plots, and spatial analyses, with choropleth maps and interactive features using Tableau Desktop.
- Integrated multiple data sources for insights and hypothesis testing, and produced [audio presentation](#) of staffing requirements forecasting results.



PROFESSIONAL EXPERIENCE

Consumer Electronics Analyst

2006 – 2015

Eurotubes, Inc

Milwaukie, OR

- Maintained QuickBooks and ProductCart databases.
- Tested and graded product, primarily for use in music amplification, recording, and hi-fi applications.

Platform Validation Test Engineer

2000-'01 & 2004-'05

Intel Corporation

Hillsboro, OR

- Developed test cases and validated video display driver software for Consumer Electronics Group, testing video interface from target systems to monitors.
- Identified performance issues and performed product integration for Connected Products Division, testing PC camera packages with related software on Windows OS.

System Compatibility Test Lead

2001 – 2004

InFocus Corporation

Wilsonville, OR

- Evaluated hardware performance and video quality, and conducted compatibility testing of portable video projection, for business applications and home theater.

Software QA Test Engineer

1997-'99 & 1999-2000

Sharp Labs of America, Inc

Camas, WA

Hewlett Packard

Corvallis, OR

- Specialized in network functionality, usability of printing and scanning software, product design, and test plan composition.
- Tested and pre-qualified laptop operating systems and software recovery for HP Mobile Computing Division.



EDUCATION

CareerFoundry

- Data Analytics Certification (June 2022)

Clark College

- Small Business Management



HONORS & AWARDS

Dell Computer Corporation

- Appointed ISO 9000 Audit Team Representative
- Outstanding Audit Cell Development and Implementation