

Robert J. Blindt

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SUMMARY

- Expert data analyst with a focus on systems interactions, process development, and documentation
- Strong skills in project planning and risk control for product prototyping, debugging, testing, and validation
- Patient collaborator comfortable interfacing with all levels of engineering and management
- Keen eye for Minimum Viable Products and Product Improvement
- Experienced in converting product failures and external requests into actionable goals and project sprints

SKILLS

Electro-Acoustic Systems Integration | Acoustic & Electrical Tools (Larson Davis, BKS, National Instruments) | Process Engineering
Lean 6 Sigma, DOE, MSA, and 5S | 3D and Electrical Modeling (NX1899, Fusion 360, Cadence Software) | Matlab | LabView
Python | SQLite3 | Pandas | Streamlit | Selenium | WebScraping | Matplotlib | Plotly | Expert Soldering

WORK EXPERIENCE

Bose Corporation - Framingham, MA

Apr 2020 – Mar 2022

Acoustic Technician III

Developed processes to support product development within the Aviation and Military group. Provided scripting, testing, and analysis for product design and compliance. Advised, coordinated, and executed test plans.

- Led recurring methodology meetings for mechano-electrical design for early engineering prototyping.
- Liaised with Project Management, software & hardware development, and external validation groups to ensure the customer received representative prototypes to expedite development.
- Designed, built, and documented mechanical and acoustic prototypes and fixtures.
- Provided ongoing communication across teams (Adv. Dev., Product Dev, Continuous Improve., Safety, Compliance).

Bose Corporation - Framingham, MA

Feb 2018 – Apr 2020

Engineering Technician II/III

Supported Consumer Electronics Product Development and Continuous Improvement engineering teams.

- Refined lab procedures to expedite Jira and Teams requests, which enabled better cross-functional flexibility.
- Provided validation support for production changes.
- Performed daily operation and maintenance of labs and equipment.

PROJECTS

Artistic Intent Analysis and Visualization Tool

Nov 2022 – Mar 2023

A data science project that performed “acoustic feature” analysis on Spotify data to visualize album-level feature flow.

- Created Exploratory Data Analysis apps using Streamlit to visualize data in different ways.
- Redesigned and created data quality verification on a database of 35,000 albums and 350,000 songs.
- Created an app for people to visualize and interact with feature flows of selected albums and create PDF reports.

Reviews Web Crawler, Scraper, and Database Builder

Sep 2022 – Nov 2022

A Python project used to learn WebScraping and restore a non-functional package to working order.

- Analyzed scope, functionality, and HTML and CSS changes to the targeted webpages.
- Repaired broken code and created functions using Selenium to better adapt to constant website changes.
- Added functionality to minimize unnecessary page access & data parsing.
- Verified data integrity and made sure end to end application is stable and reliable.

EDUCATION AND TRAINING

Network Technology Academy Institute (NTAI), Data Analytics and Python Programming	2023
Cloud Academy, Lean 6 Sigma, Yellow and Green Belt Certified	2021
Bose, Electro-Acoustic Test: Lab Measurements, Hardware, and Software	2020
EPTAC, Advanced Micro SMT Hand Soldering Certification	2018
University of Hartford – West Hartford, CT - B.S., Audio Engineering Technology	2017