

Jonathan Hildenbrand

📍 Portland, Oregon

🏠 Local & Remote

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🔧 Notable Projects

VargScore Machine Learning In Process

@ github.com/jonathanhild/vargscore

NLP model with inference/training ML pipeline in Flask to find heavy metal bands bigoted leanings.

ETL & SKU Generator

@ Oregon Spice Company

ETL for conversion of 10+ years company data for new ERP system. Produced model and scripting to generate 600+ item SKUs using raw material densities.

Traceability System in SQL

@ Oregon Spice Company

SQL scripts connected to ERP system to run traceability exercises. Improved traceability completion time by 16x and personnel by 3x.

Statistical Analysis of Mozzarella Line

@ Lactalis American Group

ANOVA statistical model to find sources of underweight finished products in mozzarella line. Created 1.5 year dataset; presented results and guidance to plant operations team.

⚙️ Technical Skills

Proficient in Python, SQL, Machine Learning Pipelines, Scikit-Learn, Tensorflow/Keras, Flask, PostgreSQL, SQL Server, SQLite, Git, Excel, JIRA, Technical Writing

Familiar with Natural Language Processing, SpaCY, NLTK, PyTorch, Time Series Analysis, A/B Testing, Web Design, Linux, Windows Server, Docker, Amazon Web Services, ERP Systems, C/C++, VBA

📅 Work Experience

Oregon Spice Company

Multiple Positions

Aug 2012 — Jan 2020

IT Specialist — Managed IT infrastructure and ERP system projects for company of 100 employees. Developed reports and analysis for accounting, sales, customer service units.

Supplier Quality Specialist — Created supplier approval program from ground-up with Tracegains. Responsible for supplier risk assessments and communication of requirements.

Technical Documents Coordinator — Responsible for communicating food safety and quality matters, and composing documentation to customers.

Bridgetown Natural Foods

QA Supervisor

Nov 2011 — Apr 2012

Managed 6-person quality assurance and sanitation department. Assisted in SQF certification.

Sunshine Dairy Foods

QA Projects Leader

Aug 2010 — Oct 2011

Developed of new food safety programs and readiness audit for SQF certification.

Beaverton Foods

QA/R&D Technician

Apr 2008 — Aug 2010

Lab analysis and product development of mustards and condiments.

🎓 Education & Certifications

University of Washington

Certificate in Data Science

2020 — 2021

Portland Community College

Courses in Computer Science I/II

2015

University of Idaho

BSFS in Food Science & Toxicology

2003 — 2007