# Jonathan Hildenbrand Noregon Willing to relocate

Food Scientist & Regulatory Specialist

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## 

#### **Recalls Dashboard**

@ https://github.com/jonathanhild/fdadashboard

In Process End-to-end project to build data dashboard from US and International food recall sources. Uses machine learning with NLP to classify recall events. Provides useful information for analysis of emerging hazards.

### **Traceability System**

@ Oregon Spice Company

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

## **Supplier Approval System**

@ Oregon Spice Company

Created supplier approval program and risk analysis documentation for HARPC compliance. Used Tracegains for automatic notification and document collection with custom supplier risk scoring model.

**Spec Database** 

@ Oregon Spice Company

Built database-backed program to create, manage, and version specifications. Allowed QA department to organize and control 1200+ raw material and product specifications.

#### **ERP Data Cleaning & SKU Generator**

@ Oregon Spice Company

Data cleaning of 10+ years company data with Python scripting for new ERP system; automated process completed in 6 hours. Data model and Python scripting for generating 600+ item SKUs using spice raw material densities.

### Statistical Analysis of Mozarella Line

@ Lactalis American Group

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

# **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.

## **♥**□ Technical Skills

#### **Food Science**

US/Canadian Food Regulations, Nutrition Labeling, Supplier Approval & Risk Management, Food Fraud Controls, End-to-end Traceability, Analytical Chemistry, Microbiology, Spice Quality, Dairy Quality, Customer Complaint Management, Technical Documentation

**Certifications** Organic, Kosher, Gluten-Free, Non-GMO, HARPC/HACCP, BRC Certification, SQF Lvl 2 Certifi-

cation

**Data Analysis** Statistical Analysis, Machine Learning, Deep Learning, Natural Language Processing, Data

Dashboard Design, Python Programming

**Technologies** Genesis R&D Nutrition, TraceGains Supplier Approval, Access, Excel, Powerpoint, Word,

Jupyter Notebooks, Database Design & Management, ERP System Implementation

## Education & Certifications

University of Washington	Certificate in Data Science	2020 — Current
Dataquest.io	Data Scientist in Python <b></b> Data Analyst in Python <b></b>	2020
<b>Portland Community College</b>	Courses in Computer Science I/II	2015
University of Idaho	BSFS in Food Science & Toxicology	2003 — 2007