

# Jonathan Hildenbrand

Data Scientist & Software Developer

📍 Portland, Oregon

🏠 Local, Remote WFH & Relocation

✉ [jonathan.hildenbrand@gmail.com](mailto:jonathan.hildenbrand@gmail.com)

🔗 [jonathanhild](#)

in [jonathanh3](#)

☎ +1-971-409-0695

## 🔧 Projects

### Recommender System for Books using NLP

<https://github.com/jonathanhild/powellsbooks>

- In Process The recommender algorithm uses NLP techniques to give recommendations based on Powell's Books' Staff Picks. This project includes a web scraping tool, SQLite database, and Streamlit web interface built in Python. *This is an independent project not affiliated with Powell's Books.*

### GeoGuessr Maps

<https://github.com/jonathanhild/geoguessrmaps>

- Creating latitude/longitude coordinates sets made with Python and Google Maps API for Map Maker in [GeoGuessr.com](#).

## ⚙ Skills

### Data Science & Analysis

Data Cleaning & ETL Machine Learning Technical Writing Documentation  
Communication Accounting Database Design Software Development

### Programming Languages

Python T-SQL Regex HTML / CSS / JS C / C++ VBA

### Tools

Anaconda PostgreSQL SQL Server SQLite SSMS Git Excel

### Information Technology

Database Admin Ubuntu 16.04+ Windows Server Admin Dynamics NAV

## 🕒 Experience

### IT Specialist / Supplier Quality Specialist / Tech. Documents Coord.

Aug 2012 – Jan 2020

Oregon Spice Company

Portland, OR

- ETL project to migrate 10+ years of ERP data to new system. Extensive use of Python scripting with regex for cleaning and load into Dynamics NAV. Required to perform data load in <12 hours for ERP transition.
- Created linear regression model to dynamically select packaging components based on material densities. Used Python scripting to produce spreadsheets for loading into ERP system.
- Created reporting and analytics for multiple business units using Jet Reports (Excel).
- Database and server administrator for Dynamics NAV environment. Implemented backup and performance tuning workflows. Migrated from single-tier to two-tier environment for performance improvements.
- Management of all IT operations in organization. Equipment procurement with multiple vendors. Creation of IT business continuity plan.
- Built supplier grading/monitoring program in Tracegains SaaS with custom SQL scripting. Created supplier performance KPIs for organization. Managed supplier approval and communication with suppliers.
- Built Access program to create, manage, and version specifications. Connect to Syspro ERP using SQL and ODBC connectors. Built Access program to rapidly compute product traceability.
- Development of multiple new food safety and quality systems.
- Technical point of contact to customers on food safety and quality. Provided verbal and written communication to customers. Organized documentation for rapid turn-around to customers.

### QA Supervisor

Nov 2011 – Apr 2012

Bridgetown Natural Foods

Portland, OR

- Supervised 6-person QA and sanitation team.

## **QA Projects Leader**

*Sunshine Dairy Foods*

Aug 2010 – Oct 2011

*Portland, OR, USA*

- › Development of food safety systems and GFSI readiness.

## **QA/R&D Technician**

*Beaverton Foods*

Apr 2008 – Aug 2010

*Hillsboro, OR, USA*

- › Food safety and quality assurance lab analysis.
- › Product development of mustards, sauces and condiments.

## **Quality Intern**

*Lactalis American Group*

May 2006 – Aug 2006

*Nampa, ID, USA*

- › Statistical analysis of processing data to control weight variances in the mozzarella line.

## **Laboratory Assistant**

*University of Idaho*

May 2005 – May 2006

*Moscow, ID, USA*

- › Research project in size exclusion chromatography analysis of starch chain fractions in Teff.

## **Education**

### **University of Washington**

*Certificate in Data Science*

2020 – Present

*Online*

### **Dataquest.io**

*(View) [Data Analyst in Python](#)*

2020

*Online*

### **Portland Community College**

*Courses in Computer Science I/II*

2015

*Portland, OR*

### **University of Idaho**

*BSFS in Food Science & Toxicology*

2003 – 2007

*Moscow, ID*

*References are available upon request.*