# Jonathan Hildenbrand
*Data Scientist & Software Developer*

- Portland, OR, USA
- Local & Remote WFH
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## ⚗ Projects

### Recommender System for Books using NLP
https://github.com/jonathanhild/powellsbooks

> [In Process] This project includes a web scraping tool, SQLite database, and Streamlit web interface built in Python. The recommender algorithm uses NLP techniques to give recommendations based on Powell's Books' Staff Picks. *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** | Data Cleaning & ETL   Machine Learning   Technical Communication   Accounting   Project Management |
| **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 / Technical Documents Coord.
*Oregon Spice Company*

Aug 2012 – Present
*Portland, OR*

> ETL project to migrate 10+ years of ERP system data to Dynamics NAV. Extensive use of Python scripting with regular expressions and clean data. Required to perform data load in <12 hours for ERP transition.

> Created linear regression model to dynamically select packaging components based on material densities.

> 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.

> Built Access program to dynamically create, manage, and version control 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.

> Provide verbal and written communication to customers on food safety and quality systems. Technical documentation writing for food safety and quality systems.

### QA Supervisor
*Bridgetown Natural Foods*

Nov 2011 – Apr 2012
*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.

### QA Projects Leader
*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 starches in Teff.

## 🎓 Education

### University of Washington
*Certificate in Data Science*

Summer 2020 – Present
*Online*

### Dataquest.io
*Data Scientist / Data Engineer / Data Analyst*

2020
*Online*

### Portland Community College
*Courses in Computer Science I/II*

Spring 2015 – Fall 2015
*Portland, OR*

### University of Idaho
*BSFS in Food Science & Toxicology*

Fall 2003 – Spring 2007
*Portland, OR*

*References are available upon request.*