

# Jonathan Hildenbrand

📍 Portland, Oregon

🏠 Local & Remote

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## 📊 Work Experience

### Oregon Spice Company

*IT Specialist/Business Analyst*

May 2018 — Jan 2020

Data cleaning using SQL and Python of 10+ years of company data for new ERP system. Model for automated creation of product BOMs. Developed reports in SSRS for accounting, sales, and customer service. Improved server, database, and network architecture for increased uptime.

*Supplier Quality Specialist*

Oct 2016 — May 2018

Created supplier approval program from ground-up. Development of supplier approval program with improved compliance from zero to 90%. Automated supplier communication system with SQL scripts.

*Technical Documents Coordinator*

Aug 2012 — Oct 2016

Daily writing SQL queries for reports in Excel. Development of database software for specification version management. Communication of technical issues to customers.

### Sunshine Dairy Foods

*QA Projects Leader*

Aug 2010 — Oct 2011

Development of food safety programs for audit readiness.

### Beaverton Foods

*QA/R&D Technician*

Apr 2008 — Aug 2010

Laboratory testing and R&D development of food products.

### Lactalis American Group

*Quality Intern*

May 2006 — Aug 2006

Statistical analysis project to understand sources of underweight finished products on mozzarella line.

### University of Idaho

*Laboratory Assistant*

May 2005 — May 2006

Research project in size exclusion chromatography of carbohydrate chain fractions in teff grain.

## ⚙️ Technical Skills

### Python

Scikit-Learn, Tensorflow, Pandas, Numpy, JupyterLab, Anaconda/Miniconda, Matplotlib, Seaborn, SQLAlchemy, Pillow, Flask

### Proficient in

Data Analysis, Machine Learning & Deep Learning, SQL, PostgreSQL, SQLite, Microsoft SQL Server, Microsoft Excel, Git, Regular Expressions, Web Scraping, Jira, Technical Writing, Windows Servers, Linux Servers, Bash, LaTeX

### Familiar with

Convolutional Neural Networks, Generative Adversarial Networks, Autoencoders, Data Pipelines, Web Development, Tableau, Power BI, ERP Systems, IT, Accounting

## 🎓 Education & Certifications

### University of Washington

Certificate in Data Science

Oct 2020 — Jun 2021

### University of Idaho

BSFS in Food Science & Toxicology

Sep 2003 — May 2007

## 🏗️ Notable Projects

### DarkLogoGAN

@ [github.com/jonathanhild/DarkLogoGAN](https://github.com/jonathanhild/DarkLogoGAN)

In Progress Generative adversarial network model using 80-90K death/black metal band logos.

### Data Science Notebooks

@ [github.com/jonathanhild/notebooks](https://github.com/jonathanhild/notebooks)

Various Jupyter notebooks summarizing data analysis techniques and machine learning algorithms.

### 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.