Jonathan Hildenbrand

Portland, Oregon
Local & Remote
jonathan.hildenbrand@gmail.com

jonathanhild
jonathanh3
+1-971-409-0695

Background

🎓 **University of Washington**	*Certificate in Data Science*	*Oct 2020 — Jun 2021*
⊞ **Oregon Spice Company**		

IT Specialist — *May 2018 — Jan 2020*
ETL project with Python to convert 10+ years of data for new ERP system. Linear model for automated creation of product BOMs based on weight/volume. Developed reports 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%. Customized supplier communication system with SQL scripts.

Technical Documents Coordinator — *Aug 2012 — Oct 2016*
Data analysis and report writing in SQL and 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 grains.

🎓 **University of Idaho** — *BS Food Science & Toxicology* — *Sep 2003 — May 2007*

Technical Skills

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

Proficient ++ Data Cleaning, Data Analysis, Machine Learning & Deep Learning, SQL, PostgreSQL, SQLite, Microsoft Excel, Git, Regular Expressions, Web Scraping, Jira, Windows Servers, Linux Servers, Bash, LaTex

Familiar + Computer Vision, GANs, Autoencoders, Data Pipelines, Web Development, Tableau, Power BI, Technical Writing, IT, Research

Notable Projects

DarkLogoGAN @ github.com/jonathanhild/DarkLogoGAN
[In Process] GAN model to generate death/black metal logotypes based on user input text.

Data Science Notebooks @ 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.