Jonathan Hildenbrand

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🏕 Local & Remote
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🎓 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*

◔ Work Experience

Oregon Spice Company

IT Specialist/Business Analyst — *May 2018 — Jan 2020*

Data cleaning project using SQL and Python of 10+ years of company data for new ERP system. Model for automated creation of product BOMs. 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.

⚙ 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, Linux Environments, Bash, LaTex
Familiar with	Computer Vision, GANs, Autoencoders, Data Pipelines, Web Development, Tableau, Power BI, ERP Systems, IT, Accounting

⚗ 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.