

Jonathan Hildenbrand

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🏠 Local & Remote
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👤 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

- Languages** Python, SQL, HTML/CSS/JS, Bash, LaTeX
- Proficient** Data Cleaning, Data Analysis, Machine Learning & Deep Learning, PostgreSQL, SQLite, Microsoft Excel, Git, Regular Expressions, Web Scraping, Jira, Windows Servers, Linux Servers
- Familiar** Neural Networks, Data Pipelines, Web Development, Tableau, Power BI, Technical Writing, IT, Research

🧪 Notable Projects

- DarkLogoGAN** @ github.com/jonathanhild/DarkLogoGAN
In Progress 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.