JONATHAN WILDING

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EDUCATION

B.S., Mathematics Apr. 2018 - Apr. 2021
Brigham Young University, Provo, UT

- Software Engineering Emphasis

SKILLS

Highly Proficient

Azure Data Lake	Data Factory	Databricks	Linear Algebra	SQL
Python	Pandas	Linux	Git	Data Structures

Proficient

Snowflake	Data Warehousing	Cloud	Big Data	Data Modeling	NumPy	
Spark	MongoDB	JavaScript	HTML5	Vue.js	Tailwindcss	CSS

EXPERIENCE

Junior Developer Oct. 2021 - Present
HCL Technologies, Sacramento, CA

- Orchestrated data pipeline to automate ETL of customer data in Azure Data Factory.
- Generated dashboard of key performance indicators for customer data with Python in Databricks.

Web Development - Research Assistant Sep. 2020 - May 2021
Information Systems Dept., Brigham Young University, Provo, UT

- Designed and produced a web application to test and analyze participant interruptive multitasking performance with A/B testing.
- Developed a full-stack, multiple-choice form creation and management system with Vue.js, Express.js and MongoDB.

Machine Learning Support - Research Assistant Oct. 2019 - Jun. 2020
Mechanical Engineering Dept., Brigham Young University, Provo, UT

- Reduced run time by hours and enabled ML models to run remotely by centralizing computational resources to our high-performance server using JupyterHub and web protocols.

Mongolian Teacher Sep. 2018 - Sep. 2019
Missionary Training Center, Provo, UT

- Taught Mongolian to groups of 6-10 missionaries in an immersive 10-week language course.
- Improved efficiency in planning by creating a website to centralize teaching resources and materials.

Product Quality Control and Regulatory Teammate Jan. 2018 - Apr. 2018
Golub Corporation, Schenectady, NY Jan. 2015 - Dec. 2015

- Automated nutrition label verification with a JavaScript web application for product category managers, saving roughly 30 seconds for each label while improving accuracy.
- Transformed data entry in Excel from a 2-minute process to 15 seconds, with VBA scripting.