

JONATHAN WILDING

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EDUCATION

B.S., Mathematics Apr. 2021

Brigham Young University, Provo, UT

- Computer Science Emphasis
- Lucid Software U of U and BYU Programming Competition Oct. 2019
- 4th Place Google Tech Challenge Feb. 2020
- Relevant Coursework:
 - Data Structures Discrete Mathematics
 - Mathematical Programming Computation and Optimization

SKILLS

- Proficient in:

Python	SQL	Bash
HTML	CSS	JavaScript
SSH	Unix	Data Structures
C++	Vim	L ^A T _E X
Matplotlib	NumPy	Scipy
Gradient Descent	Numerical Linear Algebra	Singular Value Decomposition

EXPERIENCE

Materials Science Machine Learning Research Assistant Oct. 2019 - Jun. 2020

Mechanical Engineering Dept., Brigham Young University, Provo, UT

- Configured and maintained Jupyterhub/Apache server for a team of several data scientists
- Created Bash and Python scripts to automate supercomputing jobs

Mongolian Teacher Sep. 2018 - Sep. 2019

Missionary Training Center, Provo, UT

- Created and maintained a website for the area to simplify and centralize resources and materials
- Increased focus on student success by leading weekly meetings

Product Quality Control and Regulatory Teammate Jan. 2018 - Apr. 2018

Golub Corporation, Schenectady, NY Jan. 2015 - Dec. 2015

- Built JavaScript web application for managers
- Increased efficiency over 300% using Microsoft VBA

PROJECTS

Regex Feb. 2020

- Organized over 1000 unstructured personnel records into a dictionary with regex and python