

JONATHAN WILDING

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EDUCATION

B.S., Mathematics

Apr. 2021

Brigham Young University, Provo, UT

- Computer Science Emphasis

SKILLS

Vue.js	Node.js	MongoDB	Express.js	React.js
Python	Tailwindcss	CSS	HTML	JavaScript
Bootstrap	SQLite	SSH	Network Security	Linux
Django	Data Structures	Bash	Vim	L ^A T _E X

EXPERIENCE

Web Development Research Assistant

Sept. 2020 - Present

Information Systems Dept., Brigham Young University, Provo, UT

- Designed experiment for the testing and analysis of participant multitasking performances.
- Created web application to execute the above experiment using Vue.js, Express and MongoDB.
- Attended weekly meetings and provided weekly status reports.

Machine Learning Research Assistant

Oct. 2019 - Jun. 2020

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

- Configured and maintained Jupyterhub server with Apache for a team of several data scientists.

Mongolian Teacher

Sep. 2018 - Sep. 2019

Missionary Training Center, Provo, UT

- Created and maintained a website to simplify and centralize area resources and materials.
- Led weekly teacher coordination meetings.

Product Quality Control and Regulatory Teammate

Jan. 2018 - Apr. 2018

Golub Corporation, Schenectady, NY

Jan. 2015 - Dec. 2015

- Built JavaScript web application for several managers to automate nutrition label rejection process.
- Improved data entry efficiency over 300% with Microsoft VBA scripting.

PROJECTS

Multiple Choice Form Content Management System

Apr. 2021

- Developed a multiple-choice form creation and management system, with a Vue.js frontend and an Express.js and MongoDB back-end.

The Movie Game

Mar. 2021

- Created an actor-movie game with JavaScript, which queries the TMDB api.

Responsive Photography Website

Jan. 2021

- Built a multi-page, responsive photography website with image gallery using CSS Grid and Bootstrap.