

# Chance Robinson

<https://chance-robinson.github.io/>

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## EDUCATION

### Brigham Young University, Provo— Bachelor of Computer Science

September 2017 - August 2023

## EXPERIENCE

### BYU Economics Dept., Provo— *Web Developer*

July 2022 - PRESENT

- Led the overhaul for an unfinished website using React to process data and present it neatly for users to interact with.
- Implemented unique systems to optimize user experience.

## PROJECTS

### Twitter Data Warehouse

March 2023 - April 2023

- Extracted, Transformed, and Loaded data from the Twitter API onto a custom Google Cloud Virtual Machine using Python and SQL.
- Automated ETL process using Apache Airflow.
- Used PostgreSQL to access loaded data in Tableau in which Time Series of particular users analytics are available to view.

### Personal React Webpage

May 2022 - June 2022

- Developed a personal website using React and a backend using Python and handled all the api routes and connections using a linux server via Nginx and DigitalOcean.
- Utilized libraries such as SMTP to deliver confirmation emails for anyone who submits contact information, as well as other techniques such as Lazy Loading and utilization of the React State system.

### Photo Submission Website

March 2022 - April 2022

- Developed a website using Vue.js and a backend using Javascript.
- Created back-end using MongoDB and hosted a server via Nginx and DigitalOcean.
- Created User-authentication in which a user can upload, modify, and delete their own personal photos in addition to commenting on the photos of other users.

## SKILLS

Programming Skills in:

Python	HTML/CSS/ Javascript
React	SQL
C++	Java

User Research and Testing

Heuristic Evaluation

Organization

Attention to detail

Teamwork & Communication

Leadership

## RELEVANT COURSEWORK

Web Programming

User Experience & Design

Data Science

Machine Learning

Artificial Intelligence

Statistics

## OTHER

**The Church of Jesus Christ of  
Latter-Day Saints -  
Voluntary Representative**

September 2018 - April 2020,  
Full Time

- Led and held training for groups of up to 30 on a weekly basis.
- Volunteered and aided in humanitarian work.