Stewart M. Rowley

509.301.0726 | row16006@byui.edu | www.linkedin.com/in/stewartmrowley

Education

Brigham Young University - Idaho   September 2018 - December 2022

Software Engineering Bachelor's Degree - Web Development emphasis   Rexburg, ID
- **Tools used**: HTML, CSS, Javascript, React Js, Node Js, PHP

Professional Experience

Nelson Irrigation Corporation   June 2021 – August 2022

Software Engineering and Web Development Intern
- **Web Development-** created custom website utilizing React Js and Node Js for customers to track past, current, and future data for over 1000 custom systems
- **Web Design**- Created custom website that auto-populated charts and graphs to demonstrate customers water usage and output
- **Software Engineer**
    - Analyzed python scripts that capture over 10,000 data points
    - Utilized custom applications using complex algorithms to calculate water distribution
    - Ran Python Scripts that applied information into Excel and XML files Maintained functionality

Work Experience

Rowley's Wholesale Plant, Nursery and Produce   2011 - 2021

Manager / Farm Hand   Walla Walla, WA
- Independently managed and operated heavy farm equipment including forklifts, tractors and cherry shakers
- Managed 15+ workers and co-managed operations for over 1,000,000 pounds of produce annually
- Maintained functionality and sustainability of irrigation systems for over 80 acres of orchards

Personal Experience

Volunteer for The Church of Jesus Christ of Latter-day   August 2016 - August 2018

Full-Time Missionary   Fort Worth, Texas
- Logged over 4,000 hours of voluntarily helping strangers with an enthusiastic and compassionate attitude as I interacted with, served, and taught customized lessons
- Managed lesson planning, daily schedules, communication and travel for an area with over 10,000 people

Skills

- **Coding, Systems and Platforms**
    - Python – Object Orientated Programming, MySQL, HTML, CSS, JavaScript, Php, Java
- **Coding Skills**
    - **Language** - Python, Java, C, Kotlin
    - **Web Development** – HTML, CSS, Javascript, React Js, Node Js
- **Systems and Platform Skills**
    - **App Development** – exploring Android Studio
    - **Operating Systems** – Windows, Linux, Unix
    - **Cloud Platform** – Amazon AWS
    - **Database** – Access, Excel, Xml, SQL
    - **Version Controls -**Git Github, Git Lab, Sourcetree