

Spencer Sowby

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Education

Bachelor's, Software Engineering, GPA: 3.94

Brigham Young University–Idaho

Currently Enrolled - July 2025

Rexburg, Idaho USA

- Designed and implemented algorithms with Python, HTML/CSS, Java, and JavaScript
- Built a website using the MVC pattern with NodeJS
- Calculated and displayed Spotify statistics using Python, HTML, and CSS
- Determined software quality employing software design metrics
- Converted software requirements into code
- Designed solutions to solve problems by employing a systematic problem-solving approach
- Identified various test cases for software
- Improved production pipeline by using automated tests with Postman
- Analyzed use cases for different development methodologies using software development life cycle
- Managed a project using Agile principles
- Increased code quality through code reviews

Associate's, General Technology (Honors)

Weber State University

Aug. 2020

Ogden, Utah USA

- Used Object Oriented Practices such as inheritance and scope management
- Coded programs using custom data structures and recursion
- Completed team projects through collaboration
- Enhanced writing composition through comparison, perspective, and persuasion

Certificate, Software Development

Ogden-Weber Technical College

Aug. 2018

Ogden, Utah USA

- Wrote software user & testing documentation
- Used introductory understanding of Git version control to host and update projects
- Built scripts for checking user access rights for a set of folders

Experience

Technology Support Specialist

Weber School District

Apr. 2019 – July 2023

Ogden, Utah USA

- Coordinated deployment of 300+ devices in a time-restrictive window of one day
- Led and organized teams of 1-10 people, successfully meeting task deadlines
- Managed and resolved help requests for 3+ locations for users with different roles
- Troubleshot various hardware and software issues on various hardware and operating systems
- Facilitated understanding of needs and concerns of dozens of end users to policymakers by collecting and consolidating feedback

Data Analyst

Goldenwest Credit Union

Sep. 2017 – Apr. 2019

Ogden, Utah USA

- Initialized key indicators report system from managers using SQL
- Implemented data storage and processing automation with Visual Basic
- Maintained report data through code
- Constructed various actionable reports with different requirements daily
- Compiled and organized raw text data from hundreds of files to be easily viewed

Skills

- Critical Thinking/Problem Solving
- Introductory use of C#, Java, Python
- Digital Technology Adaptability
- Time Management
- Teamwork and Delegation
- Attention to Detail