Spencer Sowby

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Education

BS, Software Engineering, GPA: 3.94 July 2025
Brigham Young University–Idaho Rexburg, Idaho USA

- Determined software quality employing software design metrics
- Practiced project management principles
- Designed and implemented algorithms with Python, HTML/CSS, Java, and JavaScript
- Utilized Python in conjunction with HTML to display results
- Built a website following the MVC pattern
- Converted software requirements into code
- Designed programs to resolve problems by employing a systematic problem-solving approach
- Identified various test cases for software

AS, General Technology (Honors) Aug. 2020
Weber State University Ogden, Utah USA

- Used Object Oriented Practices such as inheritance and scope management.
- Communicated in a team for teamwork & collaboration
- Learned basic computer networking concepts such as the OSI model
- Coded programs using custom data structures and recursion
- Leveraged comparison, perspective, and persuasion to enhance writing composition

Cert, Software Development Aug. 2018
Ogden-Weber Technical College Ogden, Utah USA

- Solved complex problems using a systematic approach
- Wrote software user & testing documentation
- Utilized introductory understanding of Git version control to host and update projects
- Built scripts for checking user access rights for a set of folders

Experience

Tech Support Specialist Apr. 2019 – July 2023
Weber School District Ogden, Utah USA

- Coordinated deployment of hundreds of devices in a time-effective manner
- Troubleshot various hardware and software issues on various hardware and operating systems
- Self-managed workloads and projects in teams of 1-10 members
- Managed and resolved help requests for 3+ locations for users with different roles
- Communicated needs and concerns between dozens of end users and policymakers

Data Analyst Sep. 2017 – Apr. 2019
Goldenwest Credit Union Ogden, Utah USA

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

Skills

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