Spencer Sowby

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Education

BS, Software Engineering, GPA: 3.92   July 2025
Brigham Young University–Idaho   Rexburg, Idaho USA

- Determined software quality using software design metrics
- Practiced project management principles
- Designed and implemented algorithms using Python, HTML/CSS, Java, and JavaScript
- Used Python in conjunction with HTML to display results
- Built a website using the MVC pattern
- Converted software requirements into code
- Designed programs to solve problems using 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
- Wrote programs using custom data structures and recursion
- Utilized 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
- 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

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 hardware and software behavior
- Self-managed workloads and projects with and without teams
- Managed and resolved help requests for multiple locations for users with different roles
- Communicated needs and concerns between end users and policymakers

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

- Implemented data storage and processing automation
- Constructed various actionable reports with different requirements
- Aggregated and organized data to be easily viewed
- Initialized use of key indicators report system 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