GIBSON SMITH

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SUMMARY

Software and Data Engineer

- Detail-oriented professional with experience in workflow management, data integrity, and business development
- Proven ability to manage product life-cycle through technical expertise in SQL, Python and C#, combined with advanced communication skills in English and Mandarin

EDUCATION

Brigham Young University - Idaho September 2023 - December 2027
Bachelor of Science in Computer Science; Machine Learning focus (3.64 GPA) Rexburg, ID

- Data Structures, Algorithms, Web Development, Machine Learning, Operating Systems

Southern Utah University August 2020 - May 2021
Coursework in Computer Science; Cybersecurity focus (3.81 GPA) Cedar City, UT

- Cyber Security, Networking, Computer Systems, Back-End Programming

PROJECTS

- Web-Based Scheduling Tool || Developed a variable scheduling tool for small school districts with ELL and SPED accommodations
- Cross-Platform File Encryption Tool || Built a cross-platform desktop application applying salt and initialization vectors (IV) for secure data encryption

EXPERIENCE

BYU-Idaho - Data Integrity Specialist Lead; Rexburg, ID August 2025 - Present

- Assured accuracy and consistency across thousands of university records by auditing, updating, and standardizing institutional data
- Enhanced data cleanliness and reporting reliability, eliminating redundancies and saving hundreds of staff hours through streamlined validation processes
- Established key performance indicators (KPIs) for data cleanliness, utilizing Excel and SQL to streamline reporting and improve workflow management

Fiddle Inventory - Account Manager; American Fork, UT January 2025 - July 2025

- Led business relationships for 30+ high-volume accounts, utilizing market research to drive a 30% growth in client acquisition and raise satisfaction to over 90%
- Coordinated with international support teams to submit dozens of tickets for product improvements and client optimizations
- Collaborated with 4 international teams to analyze customer feedback and submit optimizations for the product roadmap

Lowes - Back End Clerk; Orem, UT August 2024 - January 2025

- Optimized inventory levels and production schedules by auditing bills of lading and resolving freight discrepancies to ensure 85% inventory accuracy
- Processed hundreds of bills of lading (BOLs) and supervised accurate documentation for all inbound and outbound store shipments

SKILLS

Programming Languages :
- Python, C#, SQL
- HTML, CSS, JS
- Quarto, LetsPlot

Frameworks and Tools :
- Node.js, Docker
- Git, Github, Version Control
- MySQL, MS SQL Server

Systems and Additional :
- Linux, Windows
- Mandarin Chinese