

# Sawyer Halverson

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## EDUCATION

### Brigham Young University – Marriott School of Business

Provo, UT

*Masters of Information Systems Management, Bachelor of Science in Information Systems*

Apr 2025

- GPA 3.98
- ACT 35
- BYU Sandbox Hackathon 2024 - First Place
- Heritage Scholar, Marriott School Dean's List

## EXPERIENCE

### Garmin

Olathe, KS

*Software Engineer*

May 2024 – Aug 2024

- Developed a full-stack application using C# and Blazor to manage a pipeline of hundreds of terabytes of activity data from Garmin smartwatches and bike sensors, facilitating data aggregation and map updates
- Revolutionized a process that previously took over an hour into a few clicks with a user-friendly UI
- Deployed the project using Microsoft Azure and IIS
- Implemented comprehensive unit tests to validate core functionalities and robust input validation mechanisms
- Authored technical documentation on new technologies for team and company reference.

### Solvd

Lehi, UT

*Salesforce Software Engineer*

May 2023 – Sep 2023

- Led weekly meetings with Fortune-500 clients to gather requirements and architect innovative solutions
- Built 12 custom Apex applications and performed 4 rounds of QA testing for each
- Performed cloud deployments from sandbox to production environments for companies with 7000+ employees
- Managed Agile sprint backlog for multiple projects and contributed in daily scrum meetings

### Moxie

Lenexa, KS

*Software Engineer*

Apr 2022 – May 2023

- Built and maintained Snowflake database schema to hold data for 600+ employees, 10+ million sales transactions
- Utilized Python and APIs to build end-to-end pipelines for data transfer, ensuring data speed and quality
- Engineered efficient React app for internal use by 500+ sales employees, saving thousands of hours
- Created 6 interactive Tableau dashboards using live data pipelines, for use by C-level executives

### Whealth

Provo, UT

*Software Engineer*

Sep 2022 – Dec 2022

- Spearheaded development of C#, ASP.net application for thousands of kidney failure patients to track health
- Managed AWS deployment of database and web application, utilizing 7 different AWS services, including Elastic Beanstalk, RDS, IAM, CloudWatch
- Achieved a 60% reduction in user-reported errors by implementing UX/UI design changes, leveraging front-end HTML/CSS adjustments and back-end Javascript adjustments

## PERSONAL PROJECTS

- Created an iOS app using Swift for custom stretching and well-being
- Designed an API service integrated with NFC tag technology and a React frontend for retail stores
- Developed real estate software utilizing property data using AWS and Python
- Built an AI-powered React app for accountability partnering and habit tracking

## SKILLS & CERTIFICATIONS

- Python, C++, Javascript, C#, HTML, CSS, SQL, Pandas, APIs, Database Architecture, Cloud Architecture, .NET, React, Django, Linux, Node.js, AWS, Blazor, Firebase
- Fluency in Mandarin Chinese, Intermediate Proficiency in Spanish
- AWS Certified Solutions Architect, Salesforce Certified Administrator, Salesforce Certified Platform App Builder, Slack Certified Administrator, Snowflake Certified Database Administrator