

Andrew J. K. Allred

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Full-Stack Information Systems student with experience in **web development, data analysis, and cloud deployment**. Skilled in React, AWS, and SQL with proven success delivering scalable solutions through INTEx I & II and work experience. Known for improving efficiency, accuracy, and user engagement while bringing strong teamwork and problem-solving to every project.

EDUCATION

Bachelor of Science Information Systems

Apr 2026

Full-Stack Web Development Emphasis, STEM-Certified Technical Program

Brigham Young University - Marriott School of Business, Provo, UT

- GPA: 3.39
- Member of the Association for Information Systems
- Scholarships or Awards: Multicultural Student Services Scholarship (50% Tuition)
- Specialized Courses: User Experience Design, Exploratory Data Analysis, Enterprise Application Development

TECHNICAL SKILLS & PROJECTS

- **Data & BI:** SQL, Tableau, Power BI, MySQL, PostgreSQL, Advanced Excel, R
- **Development:** Python, JavaScript, HTML/CSS, React, Node.js, C#, C++, .NET, Rest APIs, Figma
- **Cloud & Infrastructure:** AWS (EC2, S3), Azure, Git/GitHub, Linux
- **Other:** Project Management (MS Project, Agile boards, Trello, Lucidchart)
- **Projects:**
 - INTEx II. Designed UI and integrated APIs for a React-based movie recommender app, enhancing usability and accuracy (2025)
 - INTEx I. Deployed website and database on AWS (EC2, S3, RDS) for scalable, secure client analytics access (2024)
 - Developed standalone interactive web model to improve event engagement and user understanding (2024)

EXPERIENCE

Website Manager

May 2024 – Present

BYU Sorensen Center, Provo, UT

- Increased website engagement by 20% through consistent updates to event pages, main site content and initiation materials
- Drove 34% higher page views by redesigning content and building an interactive model using HTML, CSS, and JavaScript
- Raised newsletter open rates 10% by streamlining content for readability and engagement

Data Journalist

Feb 2024 – Present

Sport Radar, Provo, UT

- Logged 10+ sports events with 100% accuracy using industry scouting software
- Streamlined reporting workflows by adapting to rule changes and updating logging methods

Customer Service Representative

Sep 2022 – May 2024

Crumbl Cookies, Orem, UT

- Resolved 100+ shipping issues and inquiries weekly, maintaining top-tier customer satisfaction
- Recovered over \$29,000 through accurate and promptly filed FedEx claims
- Improved team productivity 15% by using various functions in Excel to gather FedEx claim information

Volunteer Representative

Nov 2021 – Jul 2022

The Church of Jesus Christ of Latter-day Saints, Iowa-City, IA

- Led 8 training workshops for 25+ volunteers, improving collaboration and goal achievement
- Increased unit output by 50% by implementing project management and goal-tracking system
- Boosted local awareness among 20,000+ residents by hosting and monitoring a Facebook live event

OTHER ACHIEVEMENTS

- Eagle Scout, Boy Scouts of America
- Valedictorian, Konawaena High School Class of 2018
- Proficient in woodworking machinery (lathe, laser engraver, moulder, etc.)
- Musician: piano, guitar, and ukulele