

# DEREK JOHNSON

(832) 334-2210 | derekaj16@gmail.com | [linkedin.com/in/derekaj](https://www.linkedin.com/in/derekaj) | [djohnson.dev](https://djohnson.dev)

## EDUCATION

Master's and Bachelor's of Science in Information Systems | Marriott School of Business | BYU | Provo, UT

April 2025

## SKILLSETS & COMPETENCIES

**Bilingual** | English & Fijian (fluent)

### Systems & Software:

JavaScript/Typescript | React | Node.js | Next.js | SQL | Firebase | Python | C++

### Business, Communication, & Leadership:

Results-driven | Detail-oriented | Collaboration | Team Leadership | Training/Facilitating | Public Speaking | Adaptable

## EXPERIENCE

**Founder & Developer** | BeThere | Provo, UT | [btscheduling.com](https://btscheduling.com)

July 2024 – Present

- Designed, developed, and launched a feature-rich event scheduling app to streamline team collaboration and enhance accountability.
- Acquired and actively support three client teams, demonstrating product-market fit through sustained user engagement and positive feedback.
- Manage a growing user base of ~60 users and staffing over 500 events through the platform.
- Continuously iterate on features based on user needs, including time-sensitive notifications, role-based event assignments, and performance tracking.
- Website: React, Typescript, Next.js | Mobile app: Flutter | Backend: Supabase

**Research Assistant & Teacher's Assistant** | Brigham Young University | Provo, UT

May 2024 – March 2025

- Conducted literature reviews and synthesized academic research on the use of virtual reality in education and cognitive development, contributing to ongoing faculty-led studies.
- Provided one-on-one and group support to students enrolled in the Master's-level Offensive Security course, clarifying complex cybersecurity concepts and helping with labs and assignments.
- Designed and implemented an interactive escape room simulation that required students to apply course concepts to solve cybersecurity challenges, reinforcing hands-on learning in a high-engagement format.

**Web Developer Intern** | FamilySearch | Lehi, UT

Jun 2023 – April 2024

- Proactively led early development of an AI-powered search tool using the OpenAI API while teammates were occupied with other projects, accelerating its delivery and integration; the tool draws upon FamilySearch resources for answers.
- Built dynamic administration pages with React to manage and publish family history center information available to the public.
- Wrote unit tests with Jest to ensure code reliability and maintainability.

**Student Developer** | Missionary Training Center | Provo, UT

Feb 2022 – May 2023

- Developed flashcard tools to expedite language learning for English-speaking missionaries serving in foreign countries.
- Collaborated with my team to discover new ways to improve the language-learning experience.

## CURRENT PROJECTS

### Recipes App

Personal project focusing on enhancing skills in:

- Image-to-text technology, voice-to-text technology, audio/microphone processing, AI tool integration, text analysis and parsing

## VOLUNTEER & SERVICE

**Elementary and Middle School Performances and Assemblies** | BYU Dunk Team | Provo, UT

Jul 2021 – Current

- Performed acrobatic trampoline dunk shows at educational, character-building, and motivational assemblies 1-2 times per week.
- Taught principles of physical, mental, and social health, as well as technology safety.

**Full-Time Missionary** | The Church of Jesus Christ of Latter-day Saints | Fiji

Jun 2018 – Apr 2020

- Achieved conversational proficiency in the Fijian and the Rotuman language within six months.
- Selected to mentor and training other volunteers; developed KPI training and tracked performance metrics.
- Created and delivered lesson plans and training courses for hundreds of individuals and groups.

## AWARDS, SKILLS & INTERESTS

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### Certifications

- AWS Certified Cloud Practitioner (*Earned: Jan 1, 2024*)

### Awards

- 2<sup>nd</sup> Place, INTEX (Integrated Experience) – Designed a nutrition tracking app to monitor nutrients.
- 1<sup>st</sup> Place, Blinn College Piano Competition.
- Eagle Scout (*Earned: 2013*)

### Hobbies

- Acrobatic trampoline dunking, flipping, breakdancing
- Classical pianist and organist
- Love to travel and learn languages, including German, Spanish, French. Just beginning to learn about Asian languages.

## RELEVANT COURSES

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- CS 235, IS 537 – Data Structures
- IS 402 – Database Systems
- IS 403 – Principles of Business Programming
- IS 413 – Enterprise Application Development
- IS 531 – Enterprise Infrastructure
- IS 415 – Machine Learning
- IS 455 – Predictive Analytics
- IS 555 – Data Science for Organizations
- IS 543 – Mobile Platform Development (iOS)