

# Ian Robertson

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## EDUCATION

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### Brigham Young University

Computer Science (BS)

Provo, UT

April 2026

- **GPA:** 3.81
- **Courses:** Data Structures, Algorithms, OOP, Web Programming, DevOps.
- **Minor:** Mathematics, Entrepreneurship
- **Sandbox:** Member of Sandbox 05 startup incubator program

## EXPERIENCE

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### Full-Stack Engineer

Blazzi

Provo, UT

July 2025 - Present

- Designed full-stack filtering solution using React Native, PostgreSQL, and AWS Lambda, enabling real-time client map filtering based on location, availability, and database fields
- Reduced code duplication by 50% by refactoring frontend logic with React Hooks.
- Optimized app using lazy loading and caching techniques, improving performance and load times by 50%

### Full-Stack Software Developer

Brigham Young University

Provo, UT

August 2024 - August 2025

- Led rewrite of employee-scheduling app used by 20+ students/staff, improving coordination and speed
- Introduced team-wide unit testing and code review, increasing test coverage by 30% and reducing production bugs
- Optimized roll-sheet PDF generation for faculty, reducing processing time by 50%

### Quality Assurance Analyst

Brigham Young University

Provo, UT

May 2024 - August 2024

- Validated 10+ production software projects impacting thousands of students and faculty
- Logged and tracked 200+ issues on GitLab

## SKILLS

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- **Languages:** Java, C++, Python, JavaScript/TypeScript, PHP
- **Frameworks:** React, Next.js, Vue.js, Laravel, Tailwind
- **Cloud/DevOps:** AWS (Lambda, EC2, DynamoDB, API Gateway, S3), GitHub Actions, GitLab
- **Databases:** PostgreSQL, MySQL, MongoDB, Supabase

## PROJECTS

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- **BYU 2025 Homecoming Hackathon (Next.js, Supabase, n8n):** Collaborated on AI enabled experiential learning platform. Won 1st place in “Best use of AI” category [GitHub](#)
- **Reportify AI Notetaker (Lambda, Bedrock, Terraform, FFmpeg):** Designed workflow documentation tool using computer vision and serverless technologies
- **Reading Tracker (Next.js, Supabase):** Built CRUD app with authentication and relational schemas; supports personal reading logs [Live Demo](#)
- **Hammock Sharing App: (React, Express, MongoDB, EC2):** Designed web app for geolocation-based hammock sharing; deployed on AWS [Live Demo](#)

## VOLUNTEER

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### The Church of Jesus Christ of Latter-Day Saints

Church Volunteer

Orange County, CA

August 2021 - August 2023

- Coordinated travel logistics for 180+ volunteers
- Planned multi-day conferences involving 100+ volunteers