

# Wesley Edwards

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## EXPERIENCE

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### Lightning Kite

Software Developer

Logan, Utah

Feb 2022 – Present

- Full-stack development: Kotlin back ends (Lightning Server, MongoDB), Kotlin Multiplatform Front ends.
- Built React/TypeScript front ends, contributing to 6 total projects, 3 of which I led front-end development, owning UI/UX design and performance optimization.
- Worked directly with clients to scope requirements and design software for healthcare compliance, event photo sharing, and email spam filtering products. several of the apps I've worked on have 10,000+ users.
- Maintained in-house Node.js libraries used across production client projects.

## EDUCATION

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### Utah State University

M.S. in Computer Science

B.S. in Computer Science, GPA: 3.95

Logan, Utah

Sep 2025 – Expected Spring 2028

Sep 2020 – May 2024

## SELECTED PERSONAL PROJECTS

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### Agritime

app.agritime.wesleyedwards.xyz

Oct 2023

- Built a real-time multiplayer chess clock in React and TypeScript (Joy UI), backed by an Express and Socket.IO server that keeps every player's timer in sync.
- Players join a game through shareable QR-code invites.

### PyTutor

py-tutor.web.app

Dec 2023

- Built an AI-assisted tool that teaches novice programmers top-down design: students describe a function, OpenAI generates a hidden implementation they can call right away, and they write their own version before submitting.
- React/TypeScript front end with an in-browser Python editor and runtime; Express API on Firebase.

### Simply Served

npmjs.com/package/simply-served

Jan 2025 – Present

- Published an open-source Node.js/TypeScript framework that auto-generates CRUD REST endpoints from declared models and permissions.
- Built on Express with Zod validation; database-agnostic via an adapter interface; powers Agritime's back end.

## SKILLS

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**Languages:** TypeScript/JavaScript, Kotlin, Java, C#, Python

**Front End:** React, MUI/Joy UI, Vite, Kotlin Multiplatform (KiteUI), Jetpack Compose

**Back End:** Node.js/Express, Lightning Server, Socket.IO

**Cloud & Data:** AWS, MongoDB, Firebase

## OTHER

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### HackUSU 2023: 1st Place, General Category

github.com/WesleyEdwards/tohdoh

Mar 2023

- Won first place of 24 submissions, building a React/TypeScript and MUI web app with a team of four.

### Full-time Volunteer, The Church of Jesus Christ of Latter-day Saints

Buenos Aires, Argentina

Aug 2018 – Mar 2020

- Led and trained teams of 10–14 volunteers; became fluent in Spanish