

# Andrew Dutson

801-512-5398 | [dutsandrew@gmail.com](mailto:dutsandrew@gmail.com) | [Linkedin](#) | [Github](#) | [Portfolio](#)

## EXPERIENCE

---

### Science, Math, and Coding Teacher

May 2019 – Present

*Granite School District*

*Salt Lake City, Utah*

- Supported 549 students with technical support digitally and in-person, resolved 5-30 issues daily
- Developed 1,000+ learning materials using different software and technologies, all of which showed an increase in student performance by 63%
- Reported 1.2 years of student growth in summative testing for 2 years, exceeding district and state averages by 61%.
- Scouted 30 players for a school team through try-outs, interest, and student grades; then trained the team to increase average athlete performance by 82%.

### Data Analyst

January 2016 – May 2019

*Granite School District*

*Salt Lake City, UT*

- Collected data on 200+ students and implemented academic/behavioral plans with 100% fidelity and an 80% success rate, resulting in a minimum increase of 43% in student academic and behavioral performance.
- Analyzed, scrubbed, and consolidated student data to create stakeholder presentations that results in a 31% increase in effective student reading referrals.

### Audio Engineer, Market Analyst

Jan. 2016 – May 2019

*DTP*

*Kearns, UT*

- Analyzed listener data to adjust show production, resulting in a 70% increase in revenue, and a 147% increase in average downloads
- Engineered show music, sound effects, and audio tracks for 300+ episodes; two of those podcasts received nominations for best sound in podcasting

## PROJECTS

---

Blog API, CMS, and Client | *TypeScript, NextJS, Node.js, Express, MongoDB, CSS, and Git* March. 2023 – Current

- Developed a Node.js and Express back-end API that protects routes and serves blog data using tokens and authentication
- Built two NextJS, React, and TypeScript front-ends. Client front-end for viewing and interacting with blog posts. And a Content-management-system front-end for authenticated users to perform CRUD operations on blog posts.

Espressit, Social Media App | *React, TypeScript, Jest, Firebase, CSS, Git*

Nov. 2022 – Dec.2022

- Built a full-stack/jam-stack social media app that included user authentication (using both Google Auth and normal authentication), CRUD functionality, dynamic styling, and full test coverage with Jest.
- Optimized app performance through code splitting, React hooks, and state management. Achieved high scores on all Lighthouse tests (IE. Performance, Accessibility, SEO, and Best Practices).

Where's Waldo - Photo Tagging App | *React, TypeScript, Jest, Firebase, CSS, Git*

Oct. 2022 – Nov. 2022

- Deployed and designed a Where's Waldo game with a responsive design, ensuring usability across desktops, tablets, and smartphones.

## EDUCATION

---

### Western Governors University

Salt Lake City, UT

*Masters of Science in Curriculum and Instruction*

*May 2021 – Sep. 2021 (Completed)*

### University of Utah

Salt Lake City, UT

*Bachelors of Science in Elementary Education w/ STEM Endorsement*

*Jan. 2017 – May 2020*

## TECHNICAL SKILLS

---

**Languages:** JavaScript, TypeScript, CSS, HTML, and EJS

**Frameworks:** NextJS, React, and Express

**Developer Tools:** Node.js, Git, Jest, CLI, Cloud Hosting, APIs, Github, NPM/Yarn, and JSON

**Databases:** MongoDB