Andrew Dutson

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EDUCATION

Western Governors University <div align="right">Salt Lake City, UT</div>
Curriculum and Instruction <div align="right">*May 2021 – Sep. 2021*</div>

University of Utah <div align="right">Salt Lake City, UT</div>
Elementary Education w/ STEM Endorsement <div align="right">*Jan. 2017 – May 2020*</div>

EXPERIENCE

Math, Science, and STEM Teacher <div align="right">May 2019 – Present</div>
Granite School District <div align="right">*Salt Lake City, Utah*</div>

- Maintained a 95% or higher engagement rating across 20+ classes totaling over 549 students.
- Implemented and enforced classroom management strategies to ensure a positive and productive learning environment for class sizes of 25-32 students.
- Reported 1.2 years of student growth in summative testing for 2 years, exceeding district and state averages.
- 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%.

Electronics Manager <div align="right">Summers Only, May 2017 – August 2019</div>
Walmart <div align="right">*West Jordan, UT*</div>

- Successfully implemented departmental changes, resulting in improved processes and increased efficiency by 28%.
- Increased sales by 43% through targeted marketing strategies and effective inventory management.

Podcast Producer, Audio Engineer <div align="right">Jan. 2016 – May 2019</div>
Freelance <div align="right">*Kearns, UT*</div>

- Analyzed listener data to adjust show production, resulting in a 70% increase in revenue, and a 150% 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

Espressit, Social Media App | *React, TypeScript, Firebase, CSS, Git* <div align="right">Nov. 2022 – Dec.2022</div>

- Developed a full-stack web application using React, TypeScript, and CSS on the frontend and Firebase and noSQL data on the backend
- Implemented Google Auth to get data from user's Google Account to sync with their profile
- Created sort algorithms to sort posts based on "Hot", "New", "Controversial", and "Contributed"
- Used a lot async/await, react hooks, and data fetching and rendering

Where's Waldo - Photo Tagging App | *React, TypeScript, Firebase, CSS, Git* <div align="right">Oct. 2022 – Nov. 2022</div>

- Developed gamified version of the Where's Waldo books, players try to find all the characters in each level, and can add their score upon completion
- Leaderboard data is updated on level completion, and fetched when viewing the leaderboard. Scores are saved based on time to complete.

Steam Store, Shopping App | *React, JavaScript, STEAM API, CSS, Git* <div align="right">Oct. 2022 – Oct. 2022</div>

- Developed a steam store clone that uses the same color scheme and layout as the original app. The app consumes the STEAM API to fetch all the current games in the catalog.
- Users can search for games of their choice and the API will return the relevant data.
- React hooks and state were used to persist the user's cart as they add and remove items. The total cost is displayed as well.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, CSS/HTML, Python
Frameworks: React, Express/Node.js
Developer Tools: Git, CLI, Fly.io, Railway, VS Code, APIs, Github, NPM/Yarn, JSON
Libraries: React, React Router, Redux, Axios, lodash, Date.js, JavaScript URL Library
Databases: MongoDB