Robert Adams

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Summary

Full-stack web developer who utilizes applied physics and avionics background to implement agile solutions to complex problems. Adaptive and communicative team member that contributes to a collaborative environment. Emphasizes efficient and readable code. Conversationally fluent in Spanish.

Education

University of Washington   Seattle, WA

Certificate, Full-Stack Web Development   *June 2021*
Bachelor of Science, Applied Physics   *June 2018*

Technical Skills

Typescript, Javascript, React, Redux, Next.js, Node.js, Express, MySQL, PostgreSQL, Sequelize, MongoDB, Mongoose, HTML, CSS, jQuery, Bootstrap, TailwindCSS, MUI, Materialize, Git

Projects

Traductora | GitHub: **github.com/comatosino/Traductora** | Link: **traductora.herokuapp.com**
- Speak a phrase in one language and hear its result in another
- Full-stack speech-to-speech application that saves a user's translated phrases to history
- Implemented two custom react hooks to interface with Web Speech API
- Typescript, React, Redux, MaterialUI, Node, Express, MongoDB

Console Log | GitHub: **github.com/comatosino/Console-Log** | Link: **sar-console-log.herokuapp.com**
- Create, store, and link to guides and walkthroughs for video games
- Designed RESTful API with full CRUD functionality, and implemented voice search functionality using a React hook
- Won "Best Presentation" of all final project submissions
- React, Tailwind CSS, Node, Express, MongoDB

Pantrimonium | GitHub: **github.com/comatosino/Pantrimonium** | Link: **pantrimonium.herokuapp.com**
- Manage food inventory, monitor expiration dates, and create a shopping list
- Fulfilled project manager and GitHub repository master roles
- Built server framework, devised client-side JavaScript CRUD functions, and added email component with Nodemailer
- Node.js, Express.js, MySQL/Sequelize, Handlebars.js, Bootstrap

Experience

Repair Technician   Mar 2019 - Feb 2021
Panasonic Avionics Corporation   Bothell, WA
- Troubleshot and repaired in-flight entertainment equipment for return to airworthiness
- Achieved trainer status in less than a year and provided OJT training to over two dozen senior- and junior-level technicians
- Appointed repair shop focal in Ramco Aviation ERP software; trained over 40 employees across repair, logistics, administrative, and supply chain departments to perform their respective processes in accordance with FAA regulations
- Created specialized reports using SQL Server and Power BI for repair station administrative staff to support process improvement and increase bottleneck visibility
- Navigated appropriate engineering documentation to assess design configuration and accomplished service bulletins, with an emphasis on head-end units utilizing fiber optics, ethernet communication, and Linux commands