

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

Certificate, Full-Stack Web Development
Bachelor of Science, Applied Physics

Seattle, WA

June 2021

June 2018

Technical Skills

Typescript, Javascript, React, Redux, Node, Express, MySQL, PostgreSQL, Sequelize, MongoDB, Mongoose, HTML, CSS, jQuery, Bootstrap, Tailwind, 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

Panasonic Avionics Corporation

Mar 2019 - Feb 2021

Bothell, WA

- Troubleshoot 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