

# Robert Adams

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**LinkedIn:** [linkedin.com/in/robert-adams-comatosino](https://www.linkedin.com/in/robert-adams-comatosino) • **Portfolio:** [comatosino.github.io](https://comatosino.github.io)

## 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.js, Redux, Node.js, Express.js, MySQL, PostgreSQL, Sequelize, MongoDB, Mongoose,, HTML, CSS, jQuery, Bootstrap, MaterialUI, Git

## Projects

**Traductora** | GitHub: [github.com/comatosino/Traductora](https://github.com/comatosino/Traductora) | Link: [traductora.herokuapp.com](https://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](https://github.com/comatosino/Console-Log) | Link: [sar-console-log.herokuapp.com](https://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](https://github.com/comatosino/Pantrimonium) | Link: [pantrimonium.herokuapp.com](https://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