

Richard Westmoreland

Software Engineer

✉ rawestmoreland@gmail.com

📞 832-964-3971

🌐 richardawestmoreland.com

🐙 github.com/rawestmoreland

Relevant Experience

Software Engineer @ FlightAware

July 2020 - Present // Houston, TX

Associate Software Engineer @ FlightAware

February 2020 - July 2020 // Houston, TX

- ▶ Write, maintain and debug software in a cross-browser environment
- ▶ Create robust REST APIs that bring our PostgreSQL data to life
- ▶ Work with a variety of different languages and frameworks including JavaScript, ReactJS, Node.js, Python, Docker, etc
- ▶ Peer review code in GitHub to ensure we're pushing the most modern and performant code
- ▶ Work with our team of designers, product managers, and data analysts to take projects from hand-off to live implementation
- ▶ Lead an initiative to ensure web accessibility guidelines are being followed to the highest standard
- ▶ Work closely with our sales and marketing team to ensure that our contacts are being passed to HubSpot via custom Python API
- ▶ Release software to production 4 days per week
- ▶ Refactored multiple purchase flows into React apps to modernize the look and feel of purchasing our products

Captain @ SkyWest Airlines

January 2016 - January 2020 // Houston, TX

- ▶ Ensured the safety of passengers on board Canadair Regional Jet aircraft
- ▶ Managed a flight crew of 3-4 crew members

First Officer @ SkyWest Airlines

December 2014 - January 2016 // Houston, TX

- ▶ Ensured the safety of passengers on board Canadair Regional Jet aircraft
- ▶ Assisted the captain and perform required duties such as exterior aircraft inspection pre and post-flight

Skills

Programming Languages

JavaScript (ES6), HTML, CSS/Sass, tcl, Python, Dart, PHP, GraphQL, PostgreSQL

Libraries and Frameworks

jQuery, React, Node.js, Express, Gatsby, Flutter

Tools and Platforms

Git, Firebase, Docker, Netlify, Wordpress

Education

University of Houston

2005 - 2010 // Houston, TX

Bachelor of Arts with an all-level certification in music education

Projects

Keg Track App

A mobile application written in Dart with the Flutter framework. Uses Firebase Cloud Firestore as the backend to monitor and track keg volumes.

WiFi Temperature Controller

An Arduino-based WiFi temperature controller that uses a PHP backend to query a MySQL database.

Interests

Cycling, running, hiking, homebrewing