**Ting Chung**

Savannah, GA 31407 | 678-557-5088 | [tchung682@gmail.com](mailto:tchung682@gmail.com)

Github [ting682](https://github.com/ting682) | blog <https://dev.to/ting682>. | <https://tingchung.netflify.app/>

**JOB TITLE**

Experienced in Ruby on Rails and JavaScript based programming and a background in aircraft systems engineering. Possess strong skills in web application development and engineering that help technological companies drive software development.

**TECHNICAL SKILLS**

Ruby, Ruby on Rails, Javascript, React, and systems engineering.

**TECHNICAL PROJECTS**

**Small groups** - [Github](https://github.com/ting682/smallgroup-frontend) | [Demo](https://smallgroups.netlify.app/)

A Javascript/Rails API single page application that allows a user to submit bible study topics.

* Utilized JSON Web Tokens and localStorage to store encrypted user information client-side.
* Performs fetch requests to Rails API backend using postgreSQL database.
* Rails API outputs ActiveRecord objects via JSON serializer.
* Used object oriented Javascript classes to encapsulate behavior which results in separation of concerns design pattern.
* Implemented Quill rich text editor to allow users to submit photos and videos along with blog.

**Prayer gathering** - [Github](https://github.com/ting682/prayer_gathering) | [Demo](https://prayergathering.herokuapp.com/)

A Ruby on Rails web application that allows a user to host prayer gathering events.

* Utilized model-view-controller design pattern resulting in separation of concerns.
* Validated login and event data by creating Rails validation models to ensure persisted data validity.
* Established ActiveRecord many-to-many associations to create join table resulting in object relational mapping of data persisted to postgreSQL database.
* Encrypted user login data persisting salted and hashed password in postgreSQL database.

**Prayer journal** - [Github](https://github.com/ting682/prayer_journalv1) | [Demo](https://prayerjournals.herokuapp.com/)

A Sinatra web application using ruby that allows a user to create prayer journal entries and submit prayers to the prayer wall.

* Persisted user’s journal entries using ActiveRecord one-to-many associations to postgreSQL database.
* Allows users to signup and login to the web application.
* Utilized model-view-controller design pattern for object relational mapping.
* Encrypted user login data persisting salted and hashed password in postgreSQL database.
* Used ActiveRecord model to validate user and journal entry data.

**EXPERIENCE**

**Gulfstream Aerospace Corporation** Savannah, GA

Technical Specialist I 05/2012 - 05/2020

* Implemented electrical design solutions for brakes, landing gear, hydraulics, and doors systems.
* Investigated and resolved flight test and lab issues through troubleshooting and integration testing.
* Developed brake control system requirements for validation and verification of systems.

**Gulfstream Aerospace Corporation** City, State

Service Center Coordinator MM/20XX - Present

* Managed Chinese aircraft maintenance visits and aircraft export by ensuring project timelines are met.
* Provided maintenance solutions to adhere to Chinese repair station standards.

**EDUCATION**

**Flatiron School** Online

Full Stack Web Development, Ruby on Rails and JavaScript program 06/2020 - Present

**Georgia Institute of Technology** Atlanta, GA

Bachelor’s degree in electrical engineering 08/2007