

Quang Do

Houston, TX | 713-382-4175 | qdangdo@gmail.com

[Github](#) | [LinkedIn](#) | [Portfolio](#)

SOFTWARE ENGINEER

Full-stack Developer. Experienced in Ruby on Rails and JavaScript based programming with a background in aerospace engineering. Strong skills in critical thinking, self-starter, strong researcher and team player.

TECHNICAL SKILLS

Javascript, Ruby, Python, MATLAB, C++, CSS, React.js, Rails on Ruby, LATEX, Redux, SQLite3, PostgreSQL

TECHNICAL PROJECTS

PJ Man - [Github](#) | [Demo](#)

Project management app to provide smooth workflow to individual users and teams - *React.js, Rails, PostgreSQL*

- Established channel connections using WebSockets for real-time messaging between team members
- Architected API endpoints, enabling users to create, view, modify, and delete projects/tasks

Chat-App - [Github](#) | [Demo](#)

An application for users to send real-time messages with registered members - *React.js, Rails, PostgreSQL*

- Stored and retrieved messages using a Postgres database
- Implemented WebSockets to allow users to message each other in real-time
- Built bcrypt authentication for backend to handle user login and signup

Flote - [Github](#) | [Demo](#)

A web app that allows users to browse and save flight based on the departing and arriving city - *Javascript*

- Utilized Skyscanner API to extract flight data given locations and dates
- Implemented Google MAP API to show flight path
- Persisted flight tickets by saving them on local JSON file

EXPERIENCE

Texas A&M Low Speed Wind Tunnel

College Station, TX

Aerospace Test Engineer

06/2020 - 08/2021

- Developed GUI software in Python that extracts test data to plot aerodynamic forces for reports
- Created numerous LabView programs to measure and save test data, calibrate strain gauge test pieces and record videos during a test run
- Deciphered and modified existing C# code to measure all six forces and moments
- Established network-wide connection between Microsoft Visual Studio and LabView programs

EDUCATION

Flatiron School

Online

Full Stack Web Development, Ruby on Rails and JavaScript program

08/ 2021 - 12/2021

University of Notre Dame

Notre Dame, IN

Bachelor of Science, Aerospace Engineering

05/2019