Lynn Alhaimy

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A Computer Science graduate, with genuine passion for translating real-world problems into code. A fast learner who enjoys working on projects, building product, and solving complex problems.

EDUCATION

Bachelor of Science in Computer Science   December 2021
University of Houston   *Houston, TX*

- Minor in Mathematics
- GPA in Major: 3.446

RELEVANT COURSEWORK

- Algorithms and Data Structures
- Design File and Database Systems
- Software Design

- Real-Time Systems and Embedded Programming
- Digital Image Processing
- Data Science and Machine Learning

PROJECTS

Unify Airlines | *http://143.198.141.21:1385*   University of Houston

Unify Airlines was a project for college course *Design File and Database Systems* The objective of this project was to develop a full-stack web application. The web application must function as a real-life airline web app.

I was teamed up with 1 person to develop and deploy Unify Airlines in 1 month. it has to allow for concurrent calls, and have a relational database of the Third Normal Form.

- For the framework, we chose to use nodeJS
- The client side was developed using Html, CSS, and JavaScript
- The server side used ExpressJS to implement RESTfull API
- To manage the database and handle concurrency, we used PostgreSQL

Reminder Mobile App | *https://github.com/lmalhaim/Reminder_mobile_app*

The objective of this side project was to learn the building blocks of developing a mobile application.

The idea of Reminder app is simple; user A enters the date and time of event B, and when event B approaches user A gets notified.

- The application was built in Expo which uses React and JavaScript
- The data was stored in FireBase Realtime NoSQL database
- To authenticate users, I used Firebase Authentication Library

TECHNICAL SKILLS

Languages: JavaScript, Python, C/C++, Postgres, HTML/CSS, R, Unix shell (limited)
Frameworks: React, NodeJS, ASP.net Core (in progress)
Other: Microsoft Excel, Photoshop, 3D modeling