

SkillTrain github.com/skilltrain/skilltrain-app · play.google.com/store/apps/details?id=com.skillTrain.skillTrain

Jan 2021

Mobile Based Fitness Coaching Application (Dart, Flutter, AWS)

A mobile based full-stack application with an inhouse booking system alongside real time video and text chat for fitness

- Completed integration of an in-depth authentication system in Dart with connection to AWS Cognito via Amplify.
- Completed integration of a payment API (Stripe) with full signups, payments, and payouts deployed to AWS.
- Managed AWS Lambda function and design (roles, API gateway, etc).
- Implemented live chat function using the open-source Serverless Framework.
- Lead debugging and code review for other team members' work.



Fruity github.com/Athelian/fruit-importer · fruit-importer.herokuapp.com

Dec 2020

Browser Based Food Import Application (JavaScript, React, Heroku)

A browser based application where users can group up and import a large crate of an exotic food to split with other locals who want a piece of the action

- Solo project with Express server built and deployed on Heroku.
- Sample data randomly generated with Faker.js and managed with Knex in PostgreSQL.
- gmaps used in tandem with other APIs to check user coordinates e.g. check if coordinates are on land.



Chess github.com/Athelian/Chess-Board

2020

Simple chess game (Java)

Chess, just chess! This was primarily written for practising typical 2D array algorithmic challenges and learning the godfather of object-oriented programming



OkCupid github.com/Athelian/OkCupid

2020

AI modelling (Python)

Practice with predictive modelling of user data (habits, demographic, etc.) by a variety of techniques (K-Nearest Neighbor, SVM, Decision Tree/Forest, Multiple Linear Regression, etc.).

