

CONTACT@IBRAHIMRAHHAL.ME

+962796061133



Ibrahim Rahhal

WWW.IBRAHIMRAHHAL.ME

Projects

Synchronous Realtime Youtube Player

Node.js - Express - Socket IO - Youtube Player API - CSS - HTML

I and some of my friends watch a lot of YouTube videos Pranks, Vlogs and even anime or movies' Epic moments and talk about whatever video we have watched in the morning with a cup of tea or coffee in the university, so I thought why not watch it together remotely thanks to Socket IO and YouTube player's amazing API

I built this website that allows Realtime synchronous video playing.

you can Pause whenever you like, skip to a specific point or just play the video normally you can be sure that your friend is watching whatever you are watching.

Also, there is a chat window.

Feel free to try the app.

Business Hash Website

PHP - jQuery - Typo3 - jQuery UI - CSS - HTML

My first full website project, it was quite a messy experience everything was messy I didn't make a plan, hierarchy or even a backend architecture I ended up redoing a lot of things and every time I opened the project folders best described as the spaghetti folder it was so messy that moving one file would break the whole project I even ended up writing the header HTML and CSS several times.

This is the most project I'm grateful that I have built, I have learned to break my code, refactor it when needed, everything is a plugin in a separate file and to never repeat myself.

Simple Blockchain Implementation

Node.js - Express - Electron - Socket IO - Elliptic

I started this project way long ago but I stopped after failing to discover how peers could connect to each other without a central server if the router is going to block you every time you try to connect to their IP address of course the way around this is to configure your router to redirect the requests to your local IP address but I used to mine Bitcoin back in the days without even knowing about these stuff

I have searched the web several times but didn't find anything just people keep repeating that in the blockchain people connect to each other's and there is no central server after a while I was examining the blockchain explorer and looking through the recent mined blocks I noticed that most of the mined Bitcoins is mined by a mining website (that owns mining pools) and in a matter of seconds I understood how the network operates it's just a small centralized network in a big decentralized one, what a clever idea!

This project is still under development because if I want to implement a mining pool together with the blockchain I need to figure out an algorithm for calculating the user's reward and to avoid 2 users trying the same nonce (because that would be inefficient)

I have implemented the block and some of the main modules feel free to check the source code.

__ NOTE __

Make sure to visit my website for more projects with every project has either a live version or a gallery and a repository link

Education



University of Jordan
Computer Engineering

Grade of Very Good
Expected 2020



Coursera Specialization

Blockchain Specialization

University of Buffalo

Algorithms Specialization

University of California

Skills

Front End Development

Build Single Page Web Applications using Angular or React , Work With APIs End Points, Implement Form Validation, Implement Authorization (local storage / jwt), work with socket io, axios, http client service or fetch API, Use Gulp js to automate and enhance the workflow, use babel js to compile latest js features into es2015 to target older browsers, using node js with npm and browserify to use packages like lodash and joi in the browser, knowledge in latest javascript features like async await, destructuring, promises, let....
work with jquery and alot of js libraries, strong foundation in css, good familiarity with bootstrap



Back End Development

Side Server Development using Node Js, work with express js to handle http requests, working with url parameters and Query strings, Debug the code using npm debug, send http request with npm requests, break the code into small moudles and routers and optimize for scalability, dynamic html rendering with mustache engines like handlebars, familiar with pug, using middlewares with express js or creating my own, work with mysql / mongodb databases, familiar with php.



Other Skills

Work with Java, Java Network Programing, MultiThreading in Java, JSP and Servlets.
Design Mockups and more using photoshop and illustrator, problem solving using algorithms and data structures, Experiance with version control systems like github, passionate self Learner, communication skills, explain technical information to a non-technical person, Good Research Skills.

Hobbies

I like to explore whether it is a new framework , a new Movie Expreiance or even a new Video Game.
I Enjoy Reading Business Related Blogs, Some Times I read manga series, or watch something on netflix, I like to watch youtube vlogs from time to time I consider it a free easy source of experiance.