ALEKSANDAR GJORESKI

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SHORT BIOGRAPHY

I'm a 25 years old IT student from the mountainous place of Bocenago, Italy. Relocated here when I was 6 and live and study here since then. I graduated as a Quantity Surveyor, then I worked in the family building company until I quitted and started attending the CS course at the University of Trento. I really love coding, especially for the web, I also love sport, especially playing football, and watching movies, reading and drawing.

https://alezen9.github.io/aleksandargjoreski

https://github.com/alezen9/

https://linkedin.com/in/aleksandar-gjoreski-8879a6108/

https://codepen.io/alezen9/

EXPERIENCE

LABORER / MASON / FOREMAN
Costruzioni Edili Gjoreski Vlado | 2010 - 2015

Laborer, mason and sometimes foreman helped me improve my working skills such as speed, efficiency and organization.

FULL STACK DEVELOPER (hobby/spare time)
2018 - Present

I am a self taught full stack web developer. I started diving into Html, Css and Javascript, then I wanted to go further using and learning Node. Last year I started learning React and I kept practicing with that framework using Redux as well.

Backend:
I have good experience with Node js and associated libraries, a pretty good knowledge of mySQL db's although I have used Mongo DB in all of my projects and a little bit of Firebase.

Frontend:
I have great knowledge in traditional technologies like HTML, CSS, JS and I am pretty good with React (and Redux) but still improving.

- Check my portfolio or my github for more detailed informations -

EDUCATION

HIGH SCHOOL DIPLOMA
Istituto di Istruzione Lorenzo Guetti | 2008 - 2012

Diploma as Quantity Surveyor, I learned to use AutoCad and other technical instruments such as theodolites and GPSes.

BACHELOR'S DEGREE
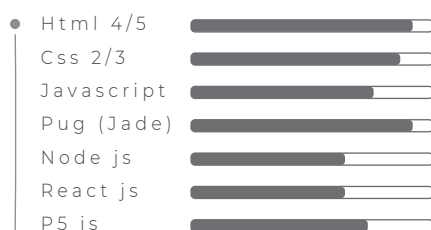University of Trento | 2015 - Present

IT student, did a lot of group projects for both coding and prototyping. I learned a few core programming languages but most importantly I learned how to approach new ones in order to understand them quickly.

LANGUAGE SKILLS

Born in Macedonia. Lived in Italy since i was 6. Learned spanish and english in college and with friends.

MACEDONIAN
native speaker

ITALIAN
native speaker

ENGLISH/US
highly proficient

SPANISH
basic

SKILLS (indicatively)

Html 4/5		C		AutoCad	
Css 2/3		C++		Word	
Javascript		MySQL		Powerpoint	
Pug (Jade)		Git		Illustrator	
Node js		Processing			
React js					
P5 js					

PROGRESS

A/G **PROJECTS**

DDREAMKOL

I initially started this project to practice building a full working website but as the time passed I kept reciving good feedbacks and so I decided to publish it on a server so people can use it.
It can be seen as a fully-fledged database displayed in an intuitive and nice way. This site is primarily made for the inhabitants of the Dolni Drimkol valley, where I come from, and aims to gather all the informations and media files about it's villages all in one place.
There is also an option to upload pictures and videos that will be reviewed by me and eventually published.

I used Node and express as backend server, the usual trio (html, css and javascript) for static pages and pug (former Jade) for dynamic pages.

I am currently working on rebuilding this project with React.

The original repo name: `DDreamkol`

The new DDreamkol with React repo: `DDreamkol-react`

IP of the site, no domain name for now: `http://80.211.7.75:3000`

FACE RECOGNITION

This was one of of my first React projects. It is a very basic webapp that that the user can sign in (no real authentication) and paste a url of an image in a specific input box. If the given image have faces in it, they will be detected and a rectangle will be drawn around them. For the face recognition I used the respective Clarifai API.

Repo name: `Face_Recognition`

NEWS

This is a simple news website that given a database (local json db in this case) it shows the news on the homepage and if a user wants to read wants to read more of a specific news, by clicking on the desired news a new page opens with the whole article and two buttons to like/dislike the article showing how many users like it.
For this project I used React, Redux with middleware and json server.

Repo name: `News_react_redux`

INTERSEC

This is meant to be a dashboard that uses Spotify data to display analytics that are not available on Spotify such as how often we listen to specific artists or tracks, what seems to be our favourite genre, how much time we spend on Spotify and other statistics. There is also the possibility to get raccomendetions using more specific criteria than the ones Spotify offers such as setting manually acousticness, liveness, energy and many other parameters, choose up to 5 genres to get even more accurate reccomendations and, depending on the user subscription, songs can be played fully or just the preview.

To build this project I collaborate with Ionwin Sean, a canadian CS student that I met on Upwork.
I am the only frontend develover while we both work on the backend.

I used React, Redux and some Material UI elements for the frontend. The backend is build with Node, express and passport.js for the authentication flow and it uses MongoDB and the Spotify API's. The computation of the data that will be shown in the charts will be done by functions written in python using AWS Lambda.
Frontend repo is private, for now.

- THIS IS STILL A WORK IN PROGRESS -

Backend repo name: `spotify_Oauth_backend`

LIGHTBOX

This is a simple lightbox that opens media files such as images and videos in a modal. I made this to practice with javascript and css. It is a script that can handle multiple galleries in the same page, it's touch friendly and very easy to use.

The repo name: `Lightbox_by_Alex`

Demo: `https://alezen9.github.io/Lightbox_by_Alex/`

I also made a React component version of this lightbox, it is also available on npm:

React version repo name: `lightbox-alex-react`

NPM package name: `lightbox-alex-react`