

Zeyna Baaj



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Education

RE:CODED FRONT-END BOOTCAMP

August 2023

YALOVA UNIVERSITY ENGINEERING FACULTY

January 2021

B.Eng. Computer Engineering (January 2021)

Technical Skills

- | | | | |
|----------------|-------------------|--------------------|-------------------|
| • Nextjs | • Reactjs | • TailwindCss | • Bootstrap |
| • Python | • Django | • Rest | • Javascript |
| • HTML | • CSS | • .NET | • Design Patterns |
| • Docker | • Mssql | • Mysql | • Postgresql |
| • Agile&Devops | • Web Development | • Machine Learning | • C# |

Experience

RE:CODED

Frontend Bootcamp

March-September 2023

honed my technical skills in web development and project management. I improved my GitHub proficiency, led project teams, and organized tasks effectively, all while working on the "Course Worm" capstone project.

WESTEROPS

Backend Developer Intern

June - August 2020

Prepared a Document Requirements Paper for websites projects and managed the details needed for the website mechanism using Django in Agile environment. Created Ideas for having a better working team. Created ideas for more dynamic web site pages.

YALOVA UNIVERSITY

Student Assistant

September – December 2019

Coached second year students for technical English and the programming language C#. Encouraged students to speak

English. Created an environment where students can express themselves with no hesitation. Increased the grade rate by 60% more than the previous years. Created an exam system which makes students focus on learning rather than passing.

Projects

COURSE WORM

Played a key role in developing the Course Worm Learning App during the Recoded Front-End Bootcamp. This educational platform, built with Next.js, offered flexible authentication, a diverse course catalog, user profiles, intelligent friend suggestions, and learning progress tracking. It exemplified the fusion of technology and education, enhancing the learning journey for users.

Technologies: Nextjs, tailwindcss

QUADROTOR DRONE

Designed and 3D printed a quadrotor drone with a proven history of safe flying to provide the footage for the EGM as voluntary work to help with searching for missing people. Performed complete pre-flight checks to ensure the safety of bystanders. Provided expert analysis and guidance on how to optimize different filming purposes via drone footage. Expertly piloted ordo pilot drones over distances of 10KM. Conducted test flights prior to broadcast to assess filming angles and weather conditions

Technologies: Autocad Fusion360, ArduPilot, MATLAB

PORTFOLIO WEBSITE

Personal Portfolio that shows the work I have previously done with a simple interface and a database with admin page to change or edit the information in the website

Technologies: Django, HTML, CSS, REST, Docker

FASHION IMAGE CLASSIFICATION USING DEEP LEARNING (THESIS WORK)

Improving the classification of Fashion MNIST dataset with Convolutional Neural Network

Technologies: Python, Keras, TensorFlow, GPU

AN AIRLINES SYSTEM DEMO

Database-like airline system for adding deleting and updating information and link between classes.

Coded with design patterns (strategy, factory, singleton and command patterns). Technologies: C#.

MICROPROCESSOR EMULATOR

An emulator application for demonstrating how a microprocessor operates with assembly commands. Technologies: C#.

SUDOKU GAME

Sudoku puzzle Generator Console game, the main purpose of it is to feel the console as a user interface by using a Unicode textfile that gave the design and some console coloring. Technologies: C#.

Leadership & Activities

SYRIAN INSTITUTE FOR PROGRESS

Refugees Assistant

Assisted burned children and their mothers throughout their stay in Turkey. Represented the organization in the US consulate And the Ministry of Foreign Affairs. Provided the refugees accommodation and food. Delivered them to the airport to continue their treatments in the US.

PYTHON AND ROBOTICS

Founder and Teacher

organized a free course for teaching Python programming language fundamentals and designing quadrotors on fusion 360.

Skills & Interests

Language: Fluent Turkish, Arabic and English, French pre-intermediate level

Interests: Robotics, oil painting and Art, movies, travelling, language learning.