

NAIF ALFIRM

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Summary

A motivated Senior Software Engineering student at PSU with working experience, working at the RIOTU Lab on multiple Deep Learning projects and web development projects, interested in AI and Data Science.

Education

Bachelor of Science 2018 - 2023

Prince Sultan University
Current GPA: 3,88 out of 4

Bachelor of Science: Software Engineering,
Prince Sultan University - Riyadh

Relevant Coursework: Deep Learning, Machine Learning, Data Science, Web Development

Work experience

Fullstack-web developer 18th of May 2021 -
Prince Sultan University, Riyadh, SA 18th of August

Tasks:

- 1 -Getting requirements from the stakeholders
- 2- Write the Software Requirements Specification
- 3- Creating the backend for the e -services application
- 4 - Communicate with the other developers and use GitHub
- 5- Communicate with the the front end developers
- 6- Deployment using docker
- 7 - Using Jira for our agile approach

IEEE PSU Student Branch Student Chair 2021 - present
IEEE

As the student chair I was responsible for managing the club, organizing seminars, lectures, trips. I was also responsible for creating the club's report to IEEE and the Student Affairs at PSU

Deep Learning Researcher 2019 - present

Prince Sultan University, Riyadh, SA (RIOTU Lab)

Saudi Arabia
Working in the Robotics and IoT lab (RIOTU) as a Deep Learning researcher
Worked on multiple projects in Classification and Object Detection

Projects

Relevant Projects:

1- AI Surveillance:

AI Surveillance is about detecting all objects of the normal human life and provide stats about them and security

2- E-Services App:

The E-Services App was an app for PSU to help students do everything they could do on the Educational gate website on the app for a smoother experience

3- Cryptography website:

A website for encrypting and decrypting texts using multiple ciphers

4- Currency Detection App:

This application detects saudi riyal currencies and reads aloud its amount

5- PSU Racing Drone Website:

Skills

Data Science (Analyzing Data, Preprocessing , ..etc)



Requirements Gathering



Software Testing and Quality Assurance



Web Development (HTML, CSS, JS, PHP)



Software Design and Architecture



Deep Learning (Gathering data, image classification, object detection)



Django Framework



React JS



Developed a full stack website for the PSU Racing Drone club, you could see it here:
<http://racing.riotu-lab.org>

Accomplishments

- Was in the dean's list four times for having a semester GPA of more than 3.75 out of 4
- Won the outstanding student award for being one of the students with the highest GPA for the academic year 2020/2021
- Selected among less than 150 students across Saudi universities to be a Future Technology Ambassador for the Ministry of Communication and Information Technology
- Certification of participation at the IEEEExtreme programming competition (13th place in Saudi)
- Certification of participation at the ACM Programming Jam competition (20th place in Saudi among more the 170 teams from Saudi Universities)