



ZAIN-UL-AB Aidin

Aspiring to enhance a multi-dimensional skill set and dedicate it to individual development within the broader goal of collective growth. Highly motivated professional with a stark passion for data science, predictive analytics, targeted marketing, seeking a challenging and dynamic role to push his limits.

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Multan, Pakistan

zain-ul-abaidin

Zainulabaidin5566

SKILLS

- MERN Stack Development.
- Machine Learning Algorithms.
- Deep Learning Algorithms.
- Embedded systems(Raspberry pi).
- Digital Signal Processing.
- Bug Testing.
- Business Analytics.
- Research Analytics.

MANAGEMENT ROLES

COMPPEC'19&20

Director| 2019 - 2020

- Director of Web&IT.
- Developed & Designed COMPPEC.com.

EME CENTER OF INNOVATION & ENTREPRENEURSHIP

Committee Member | June 2019 - September 2019

- Director of Web&IT.
- Designed ice2.org website.

ACHIEVEMENTS & RESPONSIBILITIES

- Product Dry Leakage Tester Certification from GHQ.
- Responsive Web Development Certification from . COMPPEC CEME NUST.
- Internship certification in R&D CEME NUST from GHQ.
- Responsive Web Development Certification from . EME Center of Innovation & Entrepreneurship(ICE2).
- Pointer Badge (for 3.0 above cgpa).

INTERESTS

- Data Science.
- Machine Learning.
- Deep Learning.
- AI & Block chain.
- Bio Medical.
- Software Development.
- Cloud Computing.
- Brain Gate & Brain Computer interface.
- Project Management.

EDUCATION

NUST COLLEGE OF EME

BS Computer Engineering | September 2017 - Present

WORK EXPERIENCE

R&D CEME NUST

Intern| June 2019 - September 2019

- Developed and Designed Dry Leakage Tester Product.
- Programmed Raspberry pi in python & sensor reading.
- Presented in GHQ for Exhibition.

EME CENTER OF INNOVATION & ENTREPRENEURSHIP(ICE2)

Intern | June 2018 - September 2018

- Committee Member, Web&IT.
- Designed ice2.org website.

MAJOR PROJECTS

- Blood cells Segmentation & Classification using K Nearest Neighbors.
- Digit Recognition using Convolutional Neural Network.
- Steganography in Image processing
- Developed COMPPEC.com website for NUST CEME.
- Setup protocol between devices like MQTT in . Computer Networks.
- Developed and Design Dry Leakage Tester for GHQ.

PROGRAMMING LANGUAGES, LIBRARIES & TOOLS

- Python - OpenCV, TensorFlow, Keras, google.colab.
- JavaScript - React.
- C++ (Object Oriented Programming and Data Structure . concepts).
- MATLAB - fdatool, Digital Signal Processing.
- Embedded systems(Raspberry pi, Arduino, Electronics).
- Database Management Systems - MySQL, MongoDB.
- Tools - PyCharm, Jupyter Notebook, Google . Colab, Visual Studio Code, Arduino IDE, MATLAB.
- Operating Systems - Ubuntu, Windows, Mac OS, . Raspberry Pi OS.
- Others - Github.