Saad Khalid

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📋 Born 04 Sep 2000

EDUCATION

September 2018 – June 2022	**Bachelor of Electrical Engineering (Electronics), Bahria University Islamabad** CGPA - 2.3/4.00
Sep 2016 – July 2018	**Roots H-8 Wellington Campus, Islamabad** 735/1100
July 2010 – September 2013	**Roots School System, Islamabad** 596/900

EXPERIENCE

Aug 2021 – Oct 2021	**Internship at National Institute of Electronics** Department of experties • We learnt how to make printed circuit boards under professional supervision

FINAL YEAR PROJECT

Autonomous electric Vehicle	We built a prototype for an Autonomous Electric Vehicle. And we are hopeful that our research can be incorporated in the autonomous industry. Moreover , this research also falls in the domain of Electric Vehicles which Automotive.Moreover, due to hardware limitations we had to use neural networks to make sure car control was optimized.

SEMESTER PROJECTS

Line Following Robot	• Follows a black line on different paths.
Fire Alarm	• Senses high temperature and sets off the alarm.
amplifier	• Amplifies the voice signal so that attenuation can be compensated.

HONOURS AND ACHIEVEMENTS

Achievements	Internship at National Institute of Electronics.
Computer Skills	Matlab, MS office, Python, C++.
Personal Interests	Reading Books, Psychology.

DATA SCIENCE CERTIFICATIONS

Coursera	IBM Data Science Professional Certification.
DataCamp	Data Scientist Career Track Certification from DataCamp.
Projects	Detecting Benign and Malignant Cancer from BreakHis dataset using DeepLearning.
Python	Extensive experience with python libraries such as NumPy, Pandas, Matploilib, Seaborn, open-cv and Scikit image.
Machine Learning	Have created many supervised and unsupervised models using Scikit-Learn and Scipy.
Deep Learning	Mainly used Keras module for Deep learning, constructed two models, on BreakHis dataset and Wisconsin Dataset for Breast Cancer Classification.