[Daniyal Selani](https://exploringaiblog.wordpress.com/)

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[github.com/daniyal9538](https://github.com/daniyal9538)

Experience

Paitoo Lahore, Pakistan

Software Engineer, Working Remotely February 2019 - Present

Recommendation Engine: Developing and designing a recommendation engine for the Paitoo App. The app is a social media platform for foodies, where people can share their food experiences.

Data Analysis: Performing data analysis on user data collected from the Paitoo app.

DataLog Karachi, Pakistan

Computer Engineer Internee July 2018 - September 2018

UWP App: Designed and built a UWP app. The app was to collect data from sensors and IoT devices, deal with login credentials, display gathered information, and send data to either clients local server or a cloud storage solution.

CodeNConsult Karachi, Pakistan

Computer Engineer Internee May 2018 - July 2018

IoT Sensor Collection App: Designed and built an application that would run on a Raspberry Pi. The Pi would collect data from other IoT devices and send the data to Azure servers. The data was to be accessible from the Microsoft Dynamics CRM.

Projects

Graduation Project : Designing an architecture for making the development of self-driving systems more accessible. The architecture is modular, so that di erent learning algorithms (deep learning, reinforcement learning) can be implemented as modules and integrated into the system easily. Currently trying to get the research published in a conference.

Exploring AI Blog : Personal blog in which I write either tutorials explaining basic concepts of machine learning, an analysis on any related topics, or my thoughts on anything related to technology.

Education

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| --- | --- |
| Middle East Technical University | North Cyprus, Turkey |
| Bachelors of Science in Computer Engineering | August 2014 { June 2019 |
| Selected Coursework |  |
|  |  |

Machine Learning

Arti cial Intelligence Statistics for Engineers Software Engineering Database Management

Systems and Simulations Algorithms

OOP Languages and Systems Cloud Computing

Skills

Pro cient with: Python C++ SkLearn OpenCV Pandas TensorFlow Keras Git Arduino PCBs

Have Knowledge of: C Java XAML HTML5 CSS Microsoft Dynamics CRM Azure AWS C# IoT Technology SQL Raspberry Pi