# Daniyal Selani

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#### EXPERIENCE

• OneByte

September 2019 - Present

Lahore, Pakistan

Data Scientist, Working Remotely

- o Data Extraction and Classification System: Data extraction models from medical reports for actionable findings and other organ specific abnormalities for a patient screening and monitoring solution (EonDirect).
- Model Vetting System: Model vetting system using custom Prodigy interfaces and custom scripts.
- Farm Animal ID System: Cattle muzzle print ID system using computer vision.

Paitoo

February 2019 - September 2019

Machine Learning Engineer, Working Remotely

Lahore, Pakistan

- Recommendation Engine: Developed a recommendation engine for the Paitoo App. The app is a social media platform for foodies, where people can share their food experiences.
- Classification System: Developed classification categories and a classification system to automatically classify dishes in the Paitoo database.
- o Data Analysis: Performed data analysis on user data collected from the Paitoo app.

• DataLog

July 2018 - September 2018

Computer Engineer Internee

Karachi, Pakistan

• UWP App: Developed app for data collection, authentication and cloud storage, with integration for Microsoft Dynamics CRM.

• CodeNConsult

May 2018 - July 2018

Karachi, Pakistan

Computer Engineer Internee

• IoT Sensor Collection App: Developed app for data collection from IoT devices.

### Projects

- Boolean Logic Ensemble Method: Implementing hierarchical categories with a novel boolean logic ensemble classifier to overcome dataset limitations.
- Graduation Project (CID): Developing a modular self-driving system for use in virtual environments.
- 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

• VU Amsterdam

Masters in Artificial Intelligence

August 2020 – Present Amsterdam, Netherlands

• Middle East Technical University

Bachelors of Science in Computer Engineering

August 2014 - June 2019 North Cyprus, Turkey

### Selected Coursework

- Machine Learning
- Artificial Intelligence
- Statistics for Engineers
- Knowledge Representation
- Dynamic Programming

- Systems and Simulations
- Multi-Agent Systems
- OOP Languages and Systems
- Cloud Computing

### SKILLS

- Proficient with: Python SkLearn OpenCV Pandas TensorFlow Keras Git Arduino PCBs Elastic Search
- Have Knowledge of: C C++ IoT Technology C# Azure AWS SQL Raspberry Pi