

EXPERIENCE

- **OneByte** September 2019 - Present
Software Engineer, Working Remotely *Lahore, Pakistan*
 - **Data Extraction and Classification System:** Developing a system to extract relevant medical data from medical reports for disease classification for a patient screening and monitoring solution (EonDirect).
 - **Machine Learning Model Vetting System:** Developing a system that uses a custom Prodigy interface to vet results from machine learning models.
 - **Farm Animal ID System:** Developing a system for ID of cattle on farms 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.
 - **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
Computer Engineer Internee *Karachi, Pakistan*
 - **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

- **Middle East Technical University** August 2014 – June 2019
Bachelors of Science in Computer Engineering *North Cyprus, Turkey*
 - Member of IEEE Society
 - Member of Climbing Society

SELECTED COURSEWORK

- Machine Learning
- Artificial Intelligence
- Statistics for Engineers
- Software Engineering
- Database Management
- Systems and Simulations
- Algorithms
- OOP Languages and Systems
- Cloud Computing

SKILLS

- **Proficient with:** Python - SkLearn - OpenCV - Pandas - TensorFlow - Keras - Git - Arduino PCBs - C# - .Net Framework
- **Have Knowledge of:** C - C++ - Java - IoT Technology - XAML - HTML5 - CSS - Microsoft Dynamics - CRM - Azure - AWS - SQL - Raspberry Pi