

## EXPERIENCE

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- **OneByte** September 2019 - Present  
*Data Scientist, Working Remotely* *Lahore, Pakistan*
  - **Data Extraction and Classification System:** Data extraction and classification models for actionable findings and other organ specific abnormalities for a patient screening and monitoring solution (Eon Healthcare).
  - **Procedure Mapper:** Model to map medical procedure names from different hospitals to a standardized lexicon.
  - **Model Vetting System:** Model vetting system using custom Prodigy and BRAT interfaces.
  - **Script Monitoring System:** Monitoring system for model vetting scripts
  - **Tagmoo (Cattle ID System):** Cattle muzzle print ID system using computer vision.
- **Paitoo** February 2019 - September 2019  
*Machine Learning Engineer, Working Remotely* *Lahore, Pakistan*
  - **Recommendation Engine:** Recommendation engine for a food centered social media app (Paitoo App)
  - **Classification System:** Hierarchical classification system to automatically classify dishes in the Paitoo database.
  - **Ranking Optimization:** Ranking optimizations to maintain and update "Trending items" list within the app.
  - **Data Analysis:** Data analysis on user generated data.
- **DataLog** July 2018 - September 2018  
*Computer Engineer Internee* *Karachi, Pakistan*
  - **UWP App:** App for data collection, authentication and cloud storage, with cloud services integration.
- **CodeNConsult** May 2018 - July 2018  
*Computer Engineer Internee* *Karachi, Pakistan*
  - **IoT Sensor Collection App:** Developed app for data collection from IoT devices.

## PROJECTS

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- **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.

## EDUCATION

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- **VU Amsterdam** August 2020 – Present  
*Masters in Artificial Intelligence* *Amsterdam, Netherlands*
- **Middle East Technical University** August 2014 – June 2019  
*Bachelors of Science in Computer Engineering* *North Cyprus, Turkey*

## SELECTED COURSEWORK

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- Machine Learning
- Artificial Intelligence
- Statistics for Engineers
- Knowledge Representation
- Dynamic Programming
- Systems and Simulations
- Multi-Agent Systems
- OOP Languages and Systems
- Cloud Computing

## SKILLS

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- **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