Daniyal Selani

Email : daniyal.9538@gmail.com
github.com/daniyal9538

EXPERIENCE

- **Paitoo**   Lahore, Pakistan
  Machine Learning Engineer, Part Time   *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 client's 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 a framework and architecture for making self-driving realizable. The architecture is modular with the intention of a flexible environment and framework in mind, where the practitioners may implement and integrate their own modules easily into the framework. 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

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

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 • 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