[Mohammed Furquan](http://www.acsu.buffalo.edu/~m37/) Ali

+91-9959116978 | furquanali19@gmail.com  [|](https://linkedin.com/in/m37)[Linkedin](https://www.linkedin.com/in/mohammed-furquan-ali-98b123103/)|13-6-822/A/4, Mehdi colony, Langer house, Hyderabad, Telangana, 500008

# Education

## Osmania University (JUNE 2019)

Bachelor of Engineering, Information Technology

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| **Sri Chaitanya Jr. college**  Intermediate  Coursework: MPC  **Skills** | **(MAY** 2015**)** |
| **Programming Languages Microsoft office skills** | **Other Tools/Software** |
| Python, R programming, OpenCV, Excel, Word, PowerPoint, Outlook Spark, Hadoop, SQL, scikit-learn  Scipy, sklearn, plotly, seaborn | Tableau, Machine learning, Deep learning, AWS services |
| **Work Experience** |
| **Quality Specialist, Amazon Development Centre India** | **(AUGUST** 2019 **- present)** |

* Automation of support processes, Updating-enhancing current tool and documentation of systems.
* Focus on defect reduction and delivery streamlining and drive changes in the standard of operating procedure.
* Involved in constant deep dive and look for opportunities to improve map quality.
* Pattern recognition, Enabling Automation and performing SQL queries, updating.

# Academic Projects

## Real-Time Face Recognition (Python, OpenCV)

* Implemented Viola Jones algorithm for face detection using attentional cascade for rapid detection along with Haar-like features for analyzing faces and Adaboost for training the model.

## Analysis by classification of radar signals returned from Ionosphere

* Worked with a team of 3 to develop a model to be able to classify the radar returns from Ionosphere as “Good” or “Bad”.
* Classification techniques used: KNN, Log regression, LDA, Random forest, SVM with accuracy: 92.58%.

## House pricing analysis

## Data analysis, exploration, engineering features, handling null values to estimate the pricing of houses using various factors.

## Method used: Linear regression. Libraries used: Pandas, Numpy, Matplotlib and sklearn.

# Certifications

* **Diploma in Data science** certification from Naresh I technologies.
* **Certified Associate in python programming** from Linux Academy.
* **SQL Deep dive** certification from Linux Academy.
* **AWS essentials** certification from Linux academy.