# Salman Nadeem

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Engineer with experience in signal/image processing, programming, data analysis and computer vision.

## EXPERIENCE

### Department of Electrical Engineering, Lahore University of Management Sciences — *Research Assistant*

FEBRUARY 2020 - PRESENT

- Worked as a python developer on computer vision projects; programmed, researched and experimented with the latest technologies (such as YOLO, NVidia Jetson, etc.); [GitHub profile].
- Conducted academic research on signal processing in the spherical domain and computer graphics; wrote papers on these topics; publications: [paper 1] [paper 2].
- Designed and graded semester projects.

## EDUCATION

### Lahore University of Management Sciences
*Master of Science Electrical Engineering*

AUGUST 2020 - DECEMBER 2022

- Majored in Signals and Intelligent Systems; CGPA: 3.32
- Relevant Courses: Data Analysis for Spherical Signals; Computer Vision; Deep Learning; Applied Probability

### National University of Computer and Emerging Sciences
*Bachelor of Science Electrical Engineering*

AUGUST 2015 - AUGUST 2019

- Majored in Computer Engineering; CGPA: 3.28
- Relevant Courses: Object Oriented Programming; Data Structures and Algorithm; Machine Learning

## PROJECTS

**Traffic Surveillance Application** — *YOLO object detection based traffic analytics Flask web application that shows speed activity of vehicles inside the university campus.*

**Parking Occupancy Monitor** — *Detectron based Flask web application that shows available parking spaces in real-time.*

## SKILLS

MATLAB

Python

Flask REST API

SQL

Linux/Windows OS

GitHub

Data Analysis/Manipulation

LaTeX

## CERTIFICATIONS

**Analyzing and Visualizing Data with Python** by IBM on EdX

**Neural Networks and Deep Learning** by deeplearning.ai on Coursera

**DeepStream for Video Analytics** by NVidia Deep Learning Institute

## REFERENCES

**Zubair Khalid PhD**
Associate Professor of Electrical Engineering, Lahore University of Management Sciences [URL]

**Muhammad Salman Bashir PhD**
Postdoctoral Research Fellow, King Abdullah University of Science and Technology [URL]