

Basil Chacko Mathew

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ABOUT ME

- BCA, IGNOU with 1½ year experience in Deep Learning, Machine Learning. Worked with various projects in AI/ML Development, Document Processing and Software Development.

EXPERIENCE

QMIS Systems 📅 Jun 2019 - PRESENT
Software Engineer, Data Science

- **Document Classification :**
Developed a Deep Learning model to predict and classify documents. CNN were used.
- **Work Flow:**
Data Extraction from Documents. Automatically extract data from scanned documents using Regex. This is also developed in UiPath.
- **.Net Application:**
This is a c# desktop application. WinForms UI framework is used.

iRoid Solutions 📅 Apr 2018 – Jun 2018
Software Developer Intern

- **E-commerce:**
Commercial application development, in Web and Desktop.

PROJECTS

- **Safe Guard:**
This is an emergency alert system to activating this using voice command by the help of Speech Recognition and NLP.
- **Natural Language Processing Projects:**
Fake News Classification
Spam SMS Classification
- **Face Landmark Detection**
Detected facial landmarks for various applications like face swapping, face recognition.

EDUCATION

Bachelor of Computer Applications

IGNOU

📅 2019 - 2021

📍 Cochin, India

Computer Science Engineering Diploma

Board of Technical Education, Kerala

📅 2016 - 2019

📍 Idukki, India

Science in Senior Secondary

Kerala Higher Secondary Education

📅 2014 – 2016

📍 Ernakulam, India

COURSES

- Machine Learning course by Stanford University from Coursera in 2020.
- Deep Learning course by Deeplearning.ai from Coursera in 2020.

TECHNICAL SKILLS

- **Deep Learning:** Neural Networks, CNN, LSTM, Computer vision, Object detection
- **Machine Learning:** Decision tree, Random forest, Linear Regression, Logistic Regression, KNN, Clustering, Support Vector Machine
- **Python:** Tensorflow, Keras, Pandas, Matplotlib, OpenCV, Scikit-Learn, Numpy, PyTorch, Tableau, NLTK, NLP
- **Languages:** Python, MATLAB, C++, C, C#, Java, Android, PHP,
- **Databases:** SQL Server, MySQL, Firebase
- **Tools:** Colab, Jupyter, Anaconda, Pycharm, NetBeans IDE, Visual studio, Android Studio, Photoshop, UiPath
- **Other Technology:** Docker, Flask, Git, NLP, OpenCV

ACHIEVEMENTS

- Rajapuraskar Scout Award in 2014
- 2nd prize for Safe Guard in College competition.
- 1st prize in working model district level competition