

# WORK EXPERIENCE & PROJECTS

## Ashish Simon Harrison

### ASSOCIATE CONSULTANT

✉ ashishharrison9@gmail.com  
⌚ @ashishsimonharrison  
👤 @ashishharrison

### ABOUT ME

Passionate Data Scientist with over 2+ years of industry experience in Machine Learning, Deep Learning, Python and end to end application deployment. Experienced in Model creation and training along with a good hands on experience with OpenCV and Optical Character Recognition using PyTesseract

### SKILLS

Machine Learning  
Deep Learning  
OpenCV  
Python  
Django  
Optical Character Recognition -  
Pytesseract  
TensorFlow  
Data Modeling  
Keras  
SQL : PostgreSQL, OracleDB, SQLite  
Unstructured PDF Data Extraction  
Data Visualisations  
NOSQL : MongoDB

### ACHIEVEMENTS AND CERTIFICATIONS

- Second runner up in Global Data Science Challenge Hackathon 2021
- Star of Millennial Garage Award
- Star of Quarter 3 2020 award
- Star of Quarter 2 2021 award
- Machine Learning certification by IBM (Coursera)
- Deep Learning and Keras Certification by IBM (Coursera)

### ASSOCIATE CONSULTANT

#### *Capgemini*

June 2021 - Present

- Utilised exploratory data analysis techniques to identify patterns, relationships and trends.
- Performed detailed data validation spanning across several different international projects (UK, Middle East, USA).
- Brought forth excellent oral communication and interpersonal skills.
- Spearheaded a team of over 12+ members for a time period of 6 months.
- Developed a hand written text recognition model using Keras and TensorFlow.
- Developed a multi-class classifier using Principal Component Analysis and ResNet.
- Designed session management and encryption API's.
- Worked on extracting unstructured data from AutoCad PDF's using AWS Textract, YOLO Computer Vision Model and OpenCV.

### SENIOR ANALYST

July 2019 - June 2021

#### *Capgemini*

- Trained and optimised Deep Learning models.
- Utilised algorithmic and programming tools to build helpful predictive models.
- Brought forth expertise in NLP using transformer models, spaCy.
- Worked on noise removal and Image Processing using OpenCV.
- Extracted data from structured and unstructured files using OCR - Pytesseract.
- Developed containerised end to end applications in Python using Django and Docker.

### INTERN

#### *iBhar Technologies*

May 2018 - June 2018

- Created an AI chatbot for medical use using Google Dialog Flow, Webhooks and Natural Language Programming.

### EDUCATION HISTORY

#### Computer Science and Engineering

July 2015 - May 2019

#### SRM Institute of science and technology

- Graduated with 90.94%
- Presented a paper on IoT (Internet of Things) Home Automation Technology using Audio Commands (Major Project)
- Local Navigator - Real time Navigation App for college premises using python( Minor Project)
- SentiSouls : Photography and poetry blog (Extra curricular)

#### 12th (HSC) CBSE

March 2014 - May 2015

#### SD Public School

- Passed with 87.6%

#### 10th (SSC) ICSE

March 2012 - March 2013

#### St Thomas School

- Passed with 81.65%