

RESUME

Abneet Wats

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To be a part of a challenging environment that enhances my skills, through which I would like to enrich the knowledge resource of the company and work towards its success.

EXPERIENCE SKILLS

Openspace Services Pvt. Ltd, Mumbai

Python Developer

JAN 2020 - PRESENT

Working on Computer Vision and Natural Language Processing using Deep Neural Network.

INTERNSHIPS

Openspace Services Pvt. Ltd., Mumbai

Python Developer Intern

DEC 2019 - DEC 2020

Worked on rule based text extraction, tesseract, classification model using Convolution Neural Network.

Dongre Technoquip Pvt. Ltd., Mumbai

Software Engineer

PHP Intern JUN 2019 - NOV 2019

Worked designing and optimizing the database of CRM for Bisleri and the core product of the company.

EDUCATION

Government Engineering College, Patan

BE Computer Science

JUN 2016 - JUN 2020

CGPA : 8.29/10

Kendriya Vidyalaya No 2, Surat HSC APR 2015 - MAY 2016

Percentage : 76.8%.

Technologies : Python, MySQL

Theory : Neural Network, Computer Vision, Vector Algebra, Classification and regression ML algorithms

Library : OpenCV, Tensorflow2.0, Hugging Face NLP, Scikit-Learn, Keras

ACHIEVEMENTS

Grand Finalist of Smart India Hackathon 2017 (SIH-17)

Grand Finalist of Smart City Rajkot Hackathon 2017

VOLUNTEERSHIP

National Service Scheme(2017-2019)

LANGUAGES

English, Hindi

WORK SAMPLE

abneetwats24 (Abneet Wats) GitHub

CERTIFICATIONS

Python for Data Science and AI by IBM (Online Coursera)

Machine Learning by Andrew Ng (Online Coursera Stanford University)

Kendriya Vidyalaya No 3, Gandhinagar

SSC APR 2013 - MAY 2014 CGPA : 9/10

PROJECTS

Resume Data Extraction (OPENSOURCE SERVICES)

Information like Name, CollegeName, Skills are extracted from resumes of any format.

Manual sequence tagging is done for training the neural network.

Technologies : Natural Language Processing, Named Entity Recognition, Tensorflow2.0, Python3

Algorithm : BiDirectional LSTM output layer with Glove6B100d embedding layer

Invoice Entity Detection (OPENSOURCE SERVICES)

Entity like Invoice No., Invoice Date, GST No. are to be detected from Invoice. Using custom training of pre-trained tensorflow ssd-mobilenet model

Technologies : Computer Vision, Tensorflow Object Detection from pretrained model, Python3

Algorithm : Object Detection in image then applying NLP to extract structured data using NER Hindi International Phonetic Alphabet(IPA)

Predictor (OPENSOURCE SERVICES)(POC)

Predictive POC project which predicts the Hindi IPA pronunciation of english words.

Technologies : NLP, Sequence2Sequence encoder decoder, Tensorflow2.0, Python3

Algorithm : Recurrent Neural Network

Health Report Data Retrieval (OPENSOURCE SERVICES)

Details like test name, patient test value, reference value are extracted from scanned and soft copies of the health report using rule based text extraction.

Technologies : Convolution Neural Network, Tesseract, Rule - based text extraction, Python3

AI-Letterpad (BE MAJOR PROJECT)

AI empowered blogging site whose functions includes: OCR of handwritten text for posting blogs.

Technologies : Tesseract(custom training), Laravel

House Price Prediction (COURSE PROJECT)

House Price Prediction implemented in octave application using Linear Regression with Multiple Feature includes functions like: plotting data, feature normalization, cost computation, gradient descent, normal equation.

Technologies : Octave, Linear Regression