

# Mayank Yogi

Sonipat, Haryana

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Willing to relocate: Anywhere

## Work Experience

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### **Associate Software Engineer**

Bentley Systems

September 2019 to Present

- Create Dashboard for better handling of the product, worked on geolocation part, which is prototype like google earth, also create side panel for the product which highlight all the features on the product using ReactJS
- Create test cases and perform Automation testing using selenium on govt. road transportation site of London i.e. Highway England

## Education

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### **Diploma in Machine Learning and Data Science**

Data Trained - Bengaluru, Karnataka

January 2020 to Present

### **Diploma in Information Technology**

Information Technology and Advanced Computing - Pune, Maharashtra

February 2019 to August 2019

### **Bachelor's in Computer Science**

Kurukshetra University - Kurukshetra, Haryana August 2014 to

July 2018

### **Higher Secondary (12th Pass)**

Sonipat, Haryana

March 2014

## Skills / IT Skills

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- Machine Learning
- Deep Learning
- Computer Vision
- Natural Processing Language
- Tableau
- TypeScript

- React
- Software Testing
- Python
- SQL and NoSQL

## Awards / Achievements

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### **Star Employee of Quarter**

February 2020

Decrease the time for Automation Testing on a Highway England site and improve the performance of the website

## Certifications and Licenses

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### **Python Bootcamp**

January 2020 to February 2020

Learn Object Oriented Programming, Pandas, NumPy, Sets, Lists, Dictionary, Functions

### **Center for Development and Advanced Computing**

July 2019 to Present

Learned Software Technologies include MS.NET and using MVC and MVVC architecture for building projects include Angular using Typescripts, also learned DevOps like GitHub, docker and Jenkins for building pipelines and Linux as OS with an extra advantage.

Learn XML and HTML and find various xpath for performance testing and for problem learning skills learned Data Structure and Algorithms

### **Certification in Machine Learning and Data Science**

February 2020 to Present

Learn about machine learning including supervised and unsupervised techniques followed by libraries NumPy, pandas, PyTorch, also done feature extractions and feature selection i.e. EDA and for visualization used libraries seaborn and matplotlib and used various hyper parameter techniques to make the model generalized also learnt about various tool like SPSS and Tableau for statistical analysis Done Web Scrapping using beautiful soap and selenium to extract data and images.

Learn about Deep Learning include various techniques like ANN, CNN and RNN, also work on time series data by using LSTM and predict the future price, and used OpenCV for image and facial expression Detection

## Projects / Papers Presented

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### **Machine Learning Project**

April 2020

Build model on heart disease classification problem where the main task is to predict whether the person is suffering from heart disease or not. In this model I had used classification algorithm and used multiple models like Random Forest and Logistic Regression, also try to hyper tune the model, there are multiple features consist of both continuous and categorical, for the generalized the result I used cross validation techniques and try to achieve the best matrix and score.

## **Deep Learning Project**

May 2020

Build CNN model which helps to predict the type of malaria cell i.e. parasite and Uninfected. I used transfer learning techniques vgg16 and Resnet50 as the image set is large so these both techniques are well suitable for the classification. I also used callback and early stopping for the efficiency and help to reduce the training time.

Also build Spam model using NLP which can detect whether the incoming mail is spam or not spam

## **Time Series Project**

### **An Article on LSTM published on Analytics Vidhya**

<https://medium.com/analytics-vidhya/implementing-lstm-for-stock-price-prediction-time-series-4c0c65bb493d>

### **GitHub Profile:**

Done multiple data science project which are uploaded

<https://github.com/MayankkYogi>

## **Shares and Stock**

May 2019

- Using MS.Net, MVC Architecture and Edmx diagram and perform crud operation, using view, triggers to perform data processing and fetching.
- Using Angular with typescript which acting as view and fetch data from model.
- User can view and manipulate the policies present in market.

## **Additional Information**

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### **EXTRA- CURRICULAR-ACTIVITIES:**

- Because of strong interpersonal and team management skills, I was selected as Head boy in school for 2 years.
- Worked as Event manager in all curriculum activities in school.
- 2nd Position in Voice of Piet in 2017.
- Winner of Project Making (Science) in School.
- Contribution in Discipline Committee in school for 3 years.

