

# KAVISH HUKMANI

## Data Scientist

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🔗 <https://kavishhukmani.me/>

🔗 <https://github.com/DoubleGremlin181/>

## EDUCATION

### Manipal Institute of Technology

#### Bachelor of Technology in Computer and Communication Engineering with a minor specialization in Big Data

📅 August 2016 – July 2020 📍 Manipal, India

CGPA = 7.35

### City International School

#### Grade XII, CBSE with Maths & Science

📅 June 2014 – May 2016 📍 Pune, India

Percentage = 87%

### The Bishop's Co-Ed School

#### Grade X, ICSE with Maths & Science

📅 June 2004 – May 2014 📍 Pune, India

Percentage = 92.2%

## EXPERIENCES

### Data Scientist

#### Impact Analytics

*Designed and developed optimization strategies for mark-down and allocation optimizations using mixed-integer programming. Developed a CNN capable of identifying the various SKUs on a store shelf and providing insights about the effect of relative shelf area and placement on bottom-line sales. Created a recommender engine for promoting relevant coupons to customers*

📅 August 2020 – Present 📍 Bangalore, India

### Data Science Intern

#### Impact Analytics

*Learnt how to analyze historical pricing, allocation, markdown and sales data to create forecasts for large retail chains. Built custom tools and scripts for data creation and cleaning.*

📅 January 2020 – March 2020 📍 Bangalore, India

### Software Intern

#### Onward Technologies

*Designed and built the API for an app that identifies constituent parts of a blueprint using Feature Matching.*

📅 May 2019 – June 2019 📍 Chennai, India

### Summer Intern

#### Daimler Financial Services India

*Designed and created an interactive and context aware chat-bot for the Mercedes-Benz Finance India social media pages.*

📅 May 2018 – July 2018 📍 Pune, India

## MOOCS

- Big Data Specialization by UC San Diego
- Deep Learning Specialization by deeplearning.ai (Ongoing)

## PROJECTS

### Solving Twisty Puzzles using Parallel Q-Learning

- Created Reinforcement Learning environments for the 2x2 Rubik's Cube, Skewb and Pyraminx using the OpenAI Gym toolkit.
- Trained models to solve them using various puzzle solving methods such as Layer by Layer and Ortega, with a 100% success rate.
- Wrote a research paper detailing it

### Sentiment Analysis IRC Bot

- Created a Discord bot that analyzes the polarity and subjectivity of a users messages.

### Data Mining and Predictive Analysis Lab Group Project

- Used Decision Trees to predict changes in the weather based on 20+ factors.

### What Pepe Am I? Instagram Filter

- Built an AR filter that follows the trend of 'What x am I?' filters which has over 200,000 impressions.

### DotA 2 Audio Cue Quiz

- Contributor to d2acq, a popular open-source online audio quiz game.

## ACHIEVEMENTS

- Awarded a distinction by the Trinity College London in the categories of Communication Skills and Group Drama (Devised) in Grade 5
- Ranked 66 in the Maharashtra Science Talent Search Exam '14
- Second place in DotA2 at TechTatva'19
- Awarded the Mathematics Prize for the cumulative highest grade in Class X
- Awarded a Gold Medal in Academics by the Bishop's Co-Ed School

## VOLUNTEERING

- Member of the Affiliation Committee at Impact Analytics
- Core Committee Member for TechTatva'18 and Revels'19, in charge of the Outstation Management team
- Organizer for TechTatva'17 and Revels'18 as part of the Outstation Management team
- Volunteer for the Sports Category in Revels'17 (awarded Star Volunteer)