

Tejas Kashinath

☎ (+91) 8826736890 | ✉ kashinath.tejas64@gmail.com

Key Highlights

- Summer Internship in the area of in-video search:
 - Used machine learning frameworks like TensorFlow and Keras to build an image caption generator.
 - Experience in planning, coordinating and implementing live customer projects – building a deep thumbnail generator to augment the company's in-video search feature.
 - Contributed in meeting customer deadline in production environment by quickly learning Containerization with Docker and API's using Flask.
- Demonstrated ability in working with diverse multi-disciplinary teams for projects and hackathons.
- Adept in developing clean and concise code for production environments.
- Problem Solver – used technology to tackle real world use cases and won recognition for the same

Experience

Marsview.ai Pvt. Ltd.

Bangalore, India

SUMMER INTERN

May 2019 - July 2019

- Worked on caption generation and deep thumbnail generation to enhance user engagement by summarizing sections of video into GIF's.
- Learnt containerization with Docker and Flask to quickly integrate the thumbnail generator into the company's main product thereby helping the company to meet their deadline.
- Was able to considerably reduce the gif thumbnail file size to below 1MB in base64 encoding to make it quicker to deliver to the front end.
- Also managed to optimize the code to reduce the time required to process the videos into thumbnail GIF's thus improving the systems response.
- Developed a caption generator in python using tensorflow-keras based on the paper Show And Tell (CVPR 2016). Made a web application to display the same using HTML for the front-end and python-flask for the backend.

HB Robotics LLP

Bangalore, India

INTERN

June 2018 – July 2018

- Helped in developing two Raspberry Pi based differential drive robots to act as a testbed for the company's indoor navigation system which was under development at that time. Wrote the code for controlling the motion of the robots in python.

Education

B.Tech Information & Communication Technology, Expected 2021

Manipal, India

MANIPAL INSTITUTE OF TECHNOLOGY

CGPA: 8.82

AISSCE, 2017

Noida, India

CBSE

95.8%

Projects & Awards

- Conceptualized and designed Bharat Blood Bridge - a solution for networking the blood donation ecosystem. This idea won special mention at the BIRAC (Biotechnology Industry Research Assistance Council, GOI) Hackathon held at NIT Suratkal.
- 1st Prize at the Wearable Device Hackathon organized by KMC, Manipal. Ideated and developed a prototype for a device with a team of doctors that would adjust operating theater lights to improve surgical outcomes.
- Developed a python application that could tell if a given satellite image contained a forest fire as my team's submission for Codefundo++ 2018. For this, I built an image classifier in python by learning Keras.

Skills

- Proficient in C++, Python, Java, JavaScript
- Familiar with Flask, Android frameworks.
- Comfortable with the Linux Environment.