

JAY KANAKIYA

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EDUCATION

K.J Somaiya College Of Engineering

Bachelor of Technology in Information Technology

Aug 2016 - June 2020

EXPERIENCE

Drishti Works

Machine Learning Research Intern

June 2018 - August 2018

- **AURUS:** Worked on Collision Avoidance algorithm for a Rover using Deep Reinforcement Learning.
- **Triton:** Studied, analyzed, visualized beach incident data for over 40 beaches in Goa, India to find trends in factors affecting the incidents.

Venn Think Labs

Software Engineering Intern

December 2017 - January 2018

- Worked with a team to develop a native application using React Native, which uses data clustering to bring people of similar interest together.
- Developed complete UI/UX of the application.

PROJECTS

Rinnegan

Application that checks your blinking pattern to find out your state of dry eyes and helps you avoid it by scheduling a series of gamified tasks which helps you to maintain your eyes in the right condition. Created in pygame, and OpenCV for detecting blinks.

Gistly

An application that converts a video of longer duration to summarized video of shorter duration using LSA and NLP. Built in Python

Goa Beach Study Model

This data driven research was used to identify potential risks on beaches of Goa, India and build a ML model to predict the factors related to the different category risks. Create in Python with libraries: numpy, pandas, matplotlib, scikit-learn.

My Canvas

A Paint application created using HTML, CSS and JavaScript that lets user draw their imagination. Created using HTML/CSS and JavaScript.

CERTIFICATIONS

- Machine Learning, Stanford University
- Neural Networks And Deep Learning, deeplearning.ai

TECHNICAL STRENGTHS

Programming

Python, C, C++, Java, JavaScript, Matlab/Octave

Libraries and Frameworks

ReactJS, jQuery, Scrappy, BeautifulSoup, Flask, Bootstrap, OpenCV

Data Tools

numpy, pandas, matplotlib, seaborn, scikit-learn, Tensorflow

Databases

MySQL, PostgreSQL, MongoDB

Tools and Platforms

OS X, Linux, Windows, Git, Latex

ACHIEVEMENTS

Hack in the North 3.0

Placed 5th among 100 teams in HINT 3.0, India's largest student run hackathon conducted by IIIT Allahabad.