

Objective

Machine Learning and Computer Vision enthusiast with leadership experience across various projects and management roles. Highly Motivated, Critical Thinker and a Quick Learner, I enjoy creative problem solving and getting exposure to multiple projects. I am seeking to leverage my technical and professional expertise in the field of ML/AI and other exciting and evolving computer science fields.

Education

Indian Institute of Technology Goa

Batch of 2016-20 | CPI: 8.88/10.00

- Relevant Coursework: Artificial Intelligence, Intro to Data Science & Machine Learning, Markov Chains and its Applications, Data Structure and Algorithms, Logic in Computer Science, Automata Theory, Computer Architecture, Operating System, Computer Networks, Data Analysis, Numerical Analysis, Discrete Mathematics, Digital Logic, Compilers, Software Systems Lab.

St. Xavier's High School, Surat

Gujarat State Board 2014-15 | Score: 91%

- Did Matriculation from Gujarat HSC in Sciences with Bio-focal in Computer Sciences.

B. Tech Project

Creative Captioning of an Image

Under the guidance of Dr Clint George

- Trained on the conceptual captioning dataset, we are creating an ensemble model which given an image describes the image in words briefly and creatively.

Course Projects & Technical Experience

Foundation Course in Entrepreneurship, IIT Goa: "Sabka Sath Sabka Vikas" [Academic Project]

August-November 2019

- Providing an interactive and easy-to-use platform to the local shopkeepers to showcase the products available in their shop to the consumers without any fee. The platform aims to save the time spent in the search of a product.

Your अनुभव [Academic Project]

September 2019 -

- A platform for common people to share their experiences and struggle stories.

Think Twice before you Click [Personal Project]

September 2019 -

- A Firefox extension that helps you decide which video is most relevant to the searched topic among the various results returned.

Environmental Sciences, IIT Goa: "Medical Waste" [Academic Project]

January-March 2019

- An Academic Case Study of the disposal of the medical waste at the local hospital Savaikar affiliated with IIT Goa.

Identification of the bird from their calls [Academic Project]

August-November 2018

- An application which identifies the bird by recognising the bird calls present in the input provided

Autonomous Attendance system [Academic Project]

Group Leader | January-April 2018

- An autonomous attendance system which uses RFID technology and is based on the VHDL command line.

Project Samvaad [Academic Project]

January-April 2017

- Applying the knowledge gained from the Data Structure and Algorithms course, created an email system using C++.

Work Experience

An App for Chakravayuh, IIT Goa's Sports Fest

In-Charge / Live Update & back end developer | Jan-Mar 2019

- Lead a team of 7 to create a full-fledged app for the Sports fest with various features like live updates.

Machine Learning Methods for Climate Change Analyses

Research Intern under the Guidance of Dr Clint George, IITGoa | May-June 2018

- Did exploratory data analysis to determine the possible factors for climate change.
- Using Machine Learning, applied different models to find the most prominent factors for climate change.

Website for Gurukul Varta, IIT Goa's Quarterly Newsletter

In-Charge & Front-End developer | Nov 17- Feb 2018

- The complete website was created from scratch using HTML, CSS, JavaScript and PHP.

Extracurricular & Positions of Responsibilities

DSC Club, Core Member: DSC organises various events to bring technology closer to the society and is powered by Google. [Jan19-Present]

Go Myno Club, Core Member: Volunteered in various events, competitions and seminars organised by Coding Club. [Aug 18-April 19]

Contingent Leader, IIT Goa Team: Lead a team as well as participated in two competitions at Inter IIT Tech Meet. [Dec 2018]

Smart India Hackathon Finalist: Digitizing HealthCare Documents [Mar 2019]

Undergraduate TA for the Course CS 101: [Aug 2017- November 18]

Student Mentor: [Aug - Sep 2017]

Branch Representative, CSE: [Aug 2018- April 19]

CodeChef Campus Chapter: Initiated the Chapter [Dec 2017]

Hobbies: Pencil Sketching, Photography, Rubik-cube solving, Competitive Coding and reading books

Skills

Presentation & Leadership

Programming Languages: C, C++, C#, Python, Java, R, Scilab, and Octave

Web Development: HTML, CSS, JavaScript, PHP, Ruby on Rails, Firebase, Django, Bootstrap

Miscellaneous: TensorFlow, Keras, Wireshark, Inkscape. Photoshop, VHDL, Angular, React, NodeJS, MySQL, Web Extension (Firefox & Chrome)

Linux Utilities: Bash, LaTeX, Sed and Awk

App Development: Android Studio, XML