Chintan Bimal Maniyar

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[My Web Portfolio](#)
[My LinkedIn Profile](#)
[My GitHub Profile](#)

Career Objective

To explore and excel in Machine Learning and Remote Sensing via challenging milieus and ultimately gift something beautiful to the world.

Education

Bachelor of Technology	Graduating, June 2019
Chandubhai S Patel Institute of Technology,	CGPA: 9.57/10
Charotar University of Science and Technology,	
Anand, Gujarat	
10+2	Graduated, May 2015
Baroda High School (O.N.G.C.)	SSC: 86% (May, 2013)
GSEB Board	HSC: 84% (May, 2015)
Vadodara, Gujarat	

Skills

- Programming (Python, C, C++, JAVA)
- Machine Learning and Data Analysis, Data Preprocessing, NLP, NLTK
- Web Development (HTML 5, CSS 3, Bootstrap 3.3.7, Django, Javascript, DB-MySql)
- Satellite Image Processing – ESA SNAP Tool
- Google Earth Engine
- Aquatic Remote Sensing
- OpenCV- Facial Recognition and Image Translation
- VCS – GitHub, BitBucket

Work Experience

- **Project Intern (ML & NLP)**
  Dec 2018 – Present
  Indian Institute of Technology, Bombay
  I work here as a project intern for text classification using ML, NLP, NLU and NLI - word embeddings and entity based summarization at sentence level, and representation with technical and managerial panoramas.

- **Research Intern (Remote Sensing)**
  Jul 2018 – Aug 2018
  University of Georgia, GA, USA
  I have worked here as a remote sensing data analyst, processing satellite images from the Sentinel 2, Sentinel 3 and LandSat series (NASA and European Space Agency satellites), on SNAP and Google Earth Engine, for the CyanoTRACKER project. (cyanotracker.uga.edu)

- **Creative Content Writer, Web developer and SEO Specialist**
  Aug 2017 – Jan 2018
  KickStart Solutions LLP, Vadodara
  Apart from creative content writing, I have performed proofreading, technical reviewing, SEO and SPAs in Django and HTML + CSS stack, and RPA.

Trainings

- Remote Sensing and Digital Image Analysis (IIRS, ISRO DLP), Sep 2018
- Fundamentals of Aquatic Remote Sensing (UGA, NASA Webinar), Jul 2018
- Ruby on Rails (Training @CHARUSAT), Feb 2018
- Open Data Science (Workshop @IIT Bombay), Dec 2017
- Google Android with Applied Computer Science (Google Developer Student Club, CHARUSAT), Oct 2017
- CCNA Routing and Switching – Module 1 (Cisco Networking Academy, CHARUSAT), Feb 2017
- Programming and Data Structures and Algorithms with Python (NPTEL – IIT Madras), Jul 2016 – Sep 2016
- Cyber Security and OWASP Top 10 (Azure Skynet, IIT Hyderabad, @Vadodara), Jun 2016
- Google Polymer (GDG Vadodara, MSU), Feb 2016
- Ethical Hacking, Level 1 (TechDefense Anand, @CHARUSAT), Sep 2015

Projects

Text Classification and Context Mining for Document Summarization *Dec 2018 – Present* `VIEW DETAILS`	Categorically summarizing responses into a well formatted document by text classification and NLU for context mining	*Python, BERT, NLP, word embedding, Machine Learning*
NDVI, Vegetation Health and Age Determination *Aug 2018 – Oct 2018* `VIEW DETAILS`	A dashboard in Google Earth Engine to visualize and analyze NDVI for the Landsat 7 near real-time satellite imagery dataset	*Google Earth Engine, SNAP, JavaScript, CODA (ESA)*
CyanoTRACKER (Research at UGA) *Jul 2018 – Aug 2018* `VIEW DETAILS` `VIEW DETAILS` (Project - 2 in research)	1. Real time map marker based on tweet location and keywords 2. Sentinel 3 Satellite Imagery Dashboard on GEE with different visualizations (True color, False color, NDVI, NDCI, CCD, SSC, PC3)	*Python, Twitter API, JavaScript, Google Earth Engine, SNAP, CODA (ESA)*
CHEERBOT (ML, NLP) *Sep 2017 – Jun 2018* `VIEW DETAILS`	A chatbot that analyzes the user's sentimental state and strikes up a cheerful conversation if the user is sad – Now a publication at IGI Global (book chapter)	*Python, NLP, NLTK, Voice Analysis, Machine Learning*
CentralEased (ML, Face Recognition) *Feb 2018* `VIEW DETAILS`	An attempt to create a centralized database using machine learning over all existing databases of a person's information, based on his face picture as ID	*Python, Flask, OpenCV HTML, CSS, Machine Learning*
Online Transcript Management System *Jan 2018* `VIEW DETAILS`	A web portal to facilitate the process of acquiescing transcripts from the university for the students staying far away	*HTML, CSS, Bootstrap, PHP, JavaScript*
Seminar Hall Booking System *Feb 2017 – Apr 2017* `VIEW DETAILS`	A web portal to automate the process of booking seminar halls in our university	*HTML, CSS, Bootstrap, PHP, JavaScript*

Achievements

- Co-Founder Astronomy Club, Baroda High School ONGC (Affiliated by Astronomers Without Borders)
- Selected for final year project at U.R. Rao Satellite Centre, ISRO
- Core Team Member – Developers Student Club run by Google, CHARUSAT
- Editor in Chief – 'The Quill', CHARUSAT's university magazine
- Won scholarships from college based on academic performance
- Won numerous coding competitions by Computer Society of India and other Techfests (Footprints, Udaan)
- Successfully completed working projects with demonstration at Infostretch Corporation (Ahmedabad), Gujarat Hackathon, Vishwakarma Hackathon (Ahmedabad)
- Co-ordinated and organized various workshops and events at Gujarat state level (college techfest - Cognizance)