



# Chintan Bimal Maniyar

14 Desai Park Duplex,  
Opp Akar Complex,  
Manjalpur,  
Vadodara - 390011,  
Gujarat

chintanmaniyar@gmail.com 

+91 922-712-3508 

[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

<b>Bachelor of Technology</b> Chandubhai S Patel Institute of Technology, Charotar University of Science and Technology, Anand, Gujarat	<b>Graduating, June 2019</b> <b>CGPA: 9.57</b>
--	---

<b>10+2</b> Baroda High School (O.N.G.C.) GSEB Board Vadodara, Gujarat	<b>Graduated, May 2015</b> <b>SSC: 86% (May, 2013)</b> <b>HSC: 84% (May, 2015)</b>
---	--

---

## 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](http://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 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
- 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

<ul style="list-style-type: none"><li>Text Classification and Context Mining for Document Summarization <i>Dec 2018 – Present</i> <a href="#">VIEW DETAILS</a></li></ul>	Categorically summarizing responses into a well formatted document by text classification and NLU for context mining	<i>Python, BERT, NLP, word embedding, Machine Learning</i>
<ul style="list-style-type: none"><li>NDVI, Vegetation Health and Age Determination <i>Aug 2018 – Oct 2018</i> <a href="#">VIEW DETAILS</a></li></ul>	A dashboard in Google Earth Engine to visualize and analyze NDVI for the Landsat 7 near real-time satellite imagery dataset	<i>Google Earth Engine, SNAP, JavaScript, CODA (ESA)</i>
<ul style="list-style-type: none"><li>CyanoTRACKER (Research at UGA) <i>Jul 2018 – Aug 2018</i> <a href="#">VIEW DETAILS</a> <a href="#">VIEW DETAILS</a> (Project - 2 in research)</li></ul>	<ol style="list-style-type: none"><li>Real time map marker based on tweet location and keywords</li><li>Sentinel 3 Satellite Imagery Dashboard on GEE with different visualizations (True color, False color, NDVI, NDCI, CCD, SSC, PC3)</li></ol>	<i>Python, Twitter API, JavaScript, Google Earth Engine, SNAP, CODA (ESA)</i>
<ul style="list-style-type: none"><li>CHEERBOT (ML, NLP) <i>Sep 2017 – Jun 2018</i> <a href="#">VIEW DETAILS</a></li></ul>	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)	<i>Python, NLP, NLTK, Voice Analysis, Machine Learning</i>
<ul style="list-style-type: none"><li>CentralEased (ML, Face Recognition) <i>Feb 2018</i> <a href="#">VIEW DETAILS</a></li></ul>	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	<i>Python, Flask, OpenCV HTML, CSS, Machine Learning</i>
<ul style="list-style-type: none"><li>Online Transcript Management System <i>Jan 2018</i> <a href="#">VIEW DETAILS</a></li></ul>	A web portal to facilitate the process of acquiescing transcripts from the university for the students staying far away	<i>HTML, CSS, Bootstrap, PHP, JavaScript</i>
<ul style="list-style-type: none"><li>Seminar Hall Booking System <i>Feb 2017 – Apr 2017</i> <a href="#">VIEW DETAILS</a></li></ul>	A web portal to automate the process of booking seminar halls in our university	<i>HTML, CSS, Bootstrap, PHP, JavaScript</i>

## 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)

## 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