

SHREY DABHI

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A passionate self-taught developer, with a knack for creating engaging user experiences and performant systems, currently exploring the field of machine learning.

INTERNSHIP, FREELANCE WORK AND PROJECTS

DECEMBER, 2018 – FEBRUARY, 2019

MACHINE LEARNING INTERN, TAARAKA TECHNOLOGIES

- Worked on the math behind the basic algorithms of Machine Learning and Deep Learning.
- Projects undertaken include applying unsupervised learning on company data to find meaningful trends, and applying and evaluating supervised learning algorithms to classify a subset of BBC's Hindi language news articles.

MARCH, 2018 – JUNE, 2018

SOFTWARE FOR PSYCHOLOGICAL ASSESSMENT, FOR PROF. KHOIBI NAOSEKAM

- Dr. Khoibi was a professor at Institute of Behavioral Science, Gujarat Forensics Sciences University which he successfully exited and currently is an independent practitioner and researcher of clinical behavioral sciences.
- Designed and created a software for assisting Dr. Khoibi in his clinical work of assessing psychological disorders and personality of his clients.

DECEMBER, 2017 – FEBRUARY, 2018

PRODUCT DEVELOPMENT FELLOW, HASURA

- Interned at Hasura.
- Created a basic boilerplate for deploying a chatbot using Dialogflow and Hasura. Contributed to their kubernetes platform's documentation.

MAY, 2017 – NOVEMBER, 2017

CO-FOUNDER, FUEL INTEL

- The idea for the startup was conceived at the inaugural edition of Startup Weekend Ahmedabad.
- We were invited and felicitated at the inaugural edition of Innovation Playground as a part of The Red Bricks Summit 2017 at IIM Ahmedabad.

JULY, 2017 – AUGUST, 2017

ANDROID APP FOR PATIENT MANAGEMENT, FOR DR. JORGE SANCHEZ

- Dr. Jorge was founder of Quantum Inpatient Services which he successfully exited and currently is Chief Medical Officer at Sentinel Healthcare
- Designed and created an Android app for assisting Dr. Jorge in keeping a track of the health conditions and a few other details of his patients on the go.

FEBRUARY, 2019

CLASSIFICATION OF HINDI NEWS ARTICLES

A supervised classifier trained on the data set of BBC Hindi News articles of 2010.

JANUARY, 2019

MALWARE ANALYSIS USING ML

Microsoft Malware Prediction competition on Kaggle hosted by Microsoft. Microsoft is providing data science enthusiasts with an unprecedented malware dataset to encourage open-source progress on effective techniques for predicting malware occurrences.

NOVEMBER, 2018

COUNT'EM ALL

Developed this software at the JAMstack Hackathon 2018. A simple JAMstack app to count the number of people attending a gathering using Machine Learning APIs.

AUGUST, 2018

PEOPLE OCCUPATIONS CLASSIFIER

Automatically classify Wikipedia people pages into occupation categories using multiclass Naive Bayes classification algorithm.

JUNE, 2018

BSADATA

Python library for extracting real-time data from Bombay Stock Exchange (India).

NOVEMBER, 2017

SWALLOW SERVER

A simple, quick and light-weight FTP server for file sharing from Android phones.

DECEMBER, 2017

TWITTER CLONE

Near perfect UI clones of Twitter's mobile app for Android.

EDUCATION

MAY 2020

BACHELOR OF TECHNOLOGY, INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY

Current CPI: 8.20

Projects pursued as a part of course work:

- **Code It Now:** A docker based system to provide a basic code editor (using Monaco Editor) and execution runtime for C, JAVA and Python 3.
- **Classifying Wikipedia People into Occupations**
- **Malware Analysis using ML:** A competition on Kaggle by Microsoft

SKILLS

- Debugging, Project Documentation, Project Management
- Leadership, Effective Presentation, Effective Communication
- Python, JAVA, NodeJS, SQL databases, React Native, ReactJS
- Android, Machine Learning

ACTIVITIES

- Certifications:
 - Machine Learning, from Coursera (by Stanford)

- Getting Started with Google Kubernetes Engine, from Coursera (by Google Cloud)
 - Data Visualization Projects, by FreeCodeCamp
 - APIs and Microservices Projects, by FreeCodeCamp
 - Programming, Data Structures and Algorithms using Python, from NPTEL
 - Introduction to Modern Application Development, from NPTEL
- Positions Held:
 - **President**, CSI Students' Chapter, Nirma University (December, 2018 to present)
 - **Student Placement Coordinator**, Institute of Technology, Nirma University (July, 2018 to present)
 - **Lead Organizer**, HackNUthon 2019 (March, 2019)
- Interests:
 - Literature
 - Digital Design
 - Music
 - Teaching / Mentoring
 - Strategy Games
 - Badminton