

Abhiram Satpute

Data Scientist

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TECHNICAL EXPERIENCE

hBits Online Platform Services, Mumbai

Data Scientist, September 2019 - January 2020

- Exhaustive mapping of Real-Estates in Maharashtra using web scrapers and AI. Handling the inaccuracies in language translation, and parameters essential for understanding the finances of commercial real estate.
- Deriving these insights and entities by applying NLP and OCR algorithms on web scrapers, Real-Estate agreements, PDFs and unstructured texts. Storing the results on Amazon S3.

mBreath Technologies, IIT Kharagpur (Hire #1)

Data Scientist, September 2018 - July 2019

- Researched and Developed three projects, real-time audio classification (>200GB of Youtube and CS\ data), sleep apnea detection and sleep stage classification (>500GB of medical and XML data) using Google Cloud Platform (GCP), CUDA, and Onedrive.
- Exporting the models from the cloud to be deployed in the physical product, SleepDoc+.
- Documented and drafted three PhD-grade research papers based on these projects as the co-author (with the CEO and IIT Kharagpur Professor).

PROJECTS - [GitHub](#)/[Youtube](#) July 2016 - PRESENT

- Data Science : Hand-Sign input images, training, and prediction in browser (TensorflowJS), Content-based Image Retrieval, Dress type and color classification Inception model-like architecture from scratch, Email spam and Credit Card fraud detector, SVM and KNN for cancer detection, sentiment analysis on reviews, etc.
- Game Development : Car Racing Game (Python), First Person Shooting Game (Unity3D and Blender).
- Hadoop (Training) : Administration of Hadoop and HDFS with an obedience analysis project on Dogs.

EDUCATION

- Institute Of Engineering and Technology (B.E., IT), DAVV Indore : First Division with Distinction, 75.00%.
- Choithram School, Indore (CBSE) - 12th 87.40%, 10th 9.0 CGPA.

LEADERSHIP AND MANAGEMENT

- Weekly meetings and presentations to the Director and Advisors (Harvard, Stanford graduates and co-founder of Shaadi.com) as the sole Data Scientist at hBits.

- Represented **The Best Startup of IIT Kharagpur (2016-17)**, mBreath, at:

- **Titan Technology Tune-in 2.0, Tamil Nadu (April 2019 - May 2019)**

Represented mBreath individually to senior management of Titan, Tanishq, and Tata, followed by an industrial visit to the Titan Factory in Hosur.

- **Health-Trail Programme, IIM Calcutta (Jan 2019 - April 2019)**

Presented the business strategies of mBreath to mentors and investors at IIM Calcutta. Got mentorship from businessmen and experts on marketing, branding, financial management, legal issues and agreements, and overall entrepreneurship skill set required to run a startup from level zero.

- **Qualcomm Design in India Challenge, Bangalore (December 2018 - March 2019)**

Received technical and business mentorship from Qualcomm's in-house experts. Represented mBreath to investors and senior management of Qualcomm at The Ritz Carlton, Bangalore. Ranked in **Top 15** product-based startups Nationwide.

- Pitched the product and business model of mBreath as a team to the co-founder of HCL at IIT Kharagpur.
- Mentored Data Science interns from IIT Kharagpur (B.Tech. CSE), NIT Raipur and VIT at mBreath.
- Co-founded art club in college, [The Art Legion](#) (2016 - Present) while being the Head Coordinator at central India's biggest college cultural fest, Aakshank.

LETTERS OF RECOMMENDATION

- Dr. Aurobinda Routray, Professor, Department of Electrical Engineering, IIT Kharagpur.
- Laxmi Kant Tiwari, CEO, mBreath Technologies, STEP IIT Kharagpur.

SOCIAL PROFILES

- [Portfolio Website](#)
- [Stack Overflow](#) : Reached more than 54,000 profiles. Scored in the top 24% of the whole community for 2019.
- [LinkedIn](#) : Certifications and Specializations updated.