

Esha Himanshu Ubale

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EDUCATION

- 🏛️ **University of California, Santa Cruz (UCSC)** 📅 Sep 2023 – Present
Master of Science in Natural Language Processing
Relevant Courses: Natural Language Processing, Data Science and Machine Learning Fundamentals, Deep Learning for NLP, Advanced Machine Learning for NLP
- 🏛️ **Vishwakarma University, Pune, India** 📅 Jul 2019 – May 2023
Bachelor of Technology in Computer Engineering
Relevant Courses: Data Structures, Design and Analysis of Algorithm, Theory of Computation, Data Base Management System, Java, Python, Artificial Intelligence, Data Mining and Predictive Modelling, Business Intelligence, System Programming, Discrete Mathematics, Applied Statistical Analysis, Machine Learning, Big Data Analytics

TECHNICAL SKILLS

- *Programming:* Python, R, C, C++, Java, JavaScript, Bash, HTML, CSS
- *Frameworks:* ReactJS, Electron.js, Node.js, Node-RED, GraphQL, Camunda, Tensorflow, Keras, scikit-learn, MQTT
- *Databases:* MySQL, Postgresql
- *Operating Systems:* MS Windows, Linux, Mac OS, Raspberry Pi OS
- *Others:* git, docker, Visual Studio Code, PyCharm, Jupyter Notebook, RStudio, TeXShop, Hadoop, Hive, Flume, Pig, Spark

EXPERIENCE

- iNDX Technology, Inc.** | Software Development Intern 📅 Jan 2023 – Jun 2023 📍 Pune
Evaluated workflow engines. Designed and developed workflow functionality. Developed workflows for pathology laboratory and medical image management
- Research Center of Excellence for Health Informatics (VU-RCEHI)** | Student Researcher 📅 Jun 2022 – Jul 2022
Vishwakarma University 📍 Pune
Worked with Prof. Dr. Mamoon Rashid on survey of big data and machine learning applications in healthcare

SELECTED TECHNICAL PROJECTS

- Breast Cancer Detection** 📅 Mar 2022 – Nov 2022
Designed a website named Femivale which predicts breast cancer using genomic data.
- COVID-19 Severity detection and prediction** 📅 Oct 2022 – Nov 2022
Predict COVID-19 by applying Deep CNN model on CT-scan images of patients suffering from COVID-19.
- Sentiment Analysis on Product Review** 📅 Apr 2022 – May 2022
The reviews from verified users are directly taken from Amazon website to perform sentiment analysis for determining the polarity of words.
- Uber Data Analysis** 📅 Apr 2021 – May 2021
An R data visualization project to analyze the Uber trips.

INDEPENDENT COURSEWORK

- [TensorFlow Developer Professional Certificate program](#) by DeepLearning.AI, Jul 2023
- [Mathematics for Machine Learning Specialization](#) by Imperial College London, Jun 2023
- [Machine Learning Specialization](#) by DeepLearning.AI, Jun 2023
- [Deep Learning Specialization](#) by DeepLearning.AI, May 2023
- [Python for Everybody Specialization](#) by University of Michigan, Feb 2020

HONORS & AWARDS

- National Science Day at VU** 📅 Feb 2020
Selected to showcase my model (IOT Based Smart Water Management) at the National Science Day exhibition to celebrate women scientists.
- IBM ICE Day at Vishwakarma University** 📅 Sep 2019
First Runner Up in Poster Presentation Competition. Poster on detailed working of Virtual Assistant using IOT
- Vice President of Revolution Software Development Club, 2021-2022**
Leading a team of 50 core team members and 20+ campus ambassadors across India for conducting live training sessions on latest technology and programming languages.
- Team Captain of Team Overdrive, 2021-2022**
Managing the team, and setting goals and deadlines for the team. Solving technical problems faced by the team.