

GARVIT CHOUHAN

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I'm a Data Science Undergraduate and a Al & technology enthusiast, onto exploring new technologies and leveraging them to solve real-life problems.

Skills

- Machine Learning Algorithms
- Data structures & Algorithms
- Deep-Learning & Neural Networks
- CV: CNN, NLP: RNN, BERT
- Python, Javascript.
- Tensorflow / TensorflowJS / sklearn
- REST-API, Data Science
- Flask, Numpy, Pandas, Matplotlib

Education

Bachelor of Data Science & Programming Indian Institute of Technology Madras 2021 - 2024

Bachelor of Technology Computer Science College of Technology & Engineering 2020 - 2024

Achievements

Dec 2021 | Techfest IIT Bombay

Multi Factor Authentication Overall Winner

Jan 2022 | StemWarriorHacks Winter StemWarriorHacks Winner

Nov 2021 | Chitkara University
Octahack 4.0 Winner

Oct 2021 | Shri GS Institute of Technology & Science **Hack-It-Out Winner**

Sep 2021 | School of Engineering JNU HackJNU 2.0 Winner

Jul 2021 | DSCE ACM-W Chapter **YEAH'21 Winner**

May 2021 | DSC VIT Bhopal HackDSC'21 Winner

Apr 2021 | St John College of Engineering **MegaHack-2.0 Winner**

Mar 2021 | Engineering College Ajmer Codethon'21 Winner

Work Experience

Microsoft FRT | Nov 2021 - Jan 2022 Data & Al Intern

 Worked On approximating 3D facial surface geometry with Azure & Tensorflow.js along with industry inclined curriculum.

IEEE DTU | Jan 2021 - Mar 2021 Open Source Contributor

 Contributed in @Face-x under Cross Winter of Code 2021 to implement Face Recognition & Classification Systems in TensorFlow.

Projects

Extractify <u>zetaverse.netlify.app/extractify</u>

Extractify is Multi-Class Bert-Classifier & ANN Linker Based JSON data extractor, Extractify API Takes Raw-Ocr Data & Classify & Maps Key-Value pairs which is Extremely useful in data extraction.

Classroom-X <u>zetaverse.netlify.app/classroom-x</u>

E-Classroom Platform for Overcoming Internet Access Inequity. We Regenerated Teacher's Screen on Student Console With Bare Minimum Data & Client-Side Al Monitoring.

Micro-Okta <u>zetaverse.netlify.app/micro-okta</u>

a Unified Authentication Micro-service for increasing scalability, efficiency of rolling out updates & Maintaining multiple web portal's Authentication System with common login persisting.

Decode-X <u>zetaverse.netlify.app/decode-x</u>

Legal Analysis & Summarization with NLP & Recurrent Neural Network with Translate & OCR.

Posmate <u>zetaverse.netlify.app/posmate</u>

Posture Monitoring build on CNN & ANN using TensorflowJS and Movenet3 with client-side rendering.

Texam <u>zetaverse.netlify.app/texam</u>

Al Proctored Exam Platform with Contactless Gesture Controlled Interface.

Volunteer Experience

Workshop Mentor: ML & Image Classification

St John College of Engineering and Management Nov 2021

Community Lead: Matrix.io

Conducted Elytrahack Hackathon & CommOS Open Source event in collaboration Multiple GDSC. Sep 2021