GARVIT CHOUHAN

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I'm a Data Science Undergraduate and a AI & 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 & AI 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   zetaverse.netlify.app/extractify
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   zetaverse.netlify.app/classroom-x
E-Classroom Platform for Overcoming Internet Access Inequity. We Regenerated Teacher's Screen on Student Console With Bare Minimum Data & Client-Side AI Monitoring.

Micro-Okta   zetaverse.netlify.app/micro-okta
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   zetaverse.netlify.app/decode-x
Legal Analysis & Summarization with NLP & Recurrent Neural Network with Translate & OCR.

Posmate   zetaverse.netlify.app/posmate
Posture Monitoring build on CNN & ANN using TensorflowJS and Movenet3 with client-side rendering.

Texam   zetaverse.netlify.app/texam
AI 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