

Divyansh Sharma

Pre-Final Year Student @ BITS Pilani

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EXPERIENCE

EDUCTECH LEARNING SOLUTIONS PVT. LTD. | DATA SCIENCE INTERN

May 2021 – July 2021 | Gujarat, India

- I worked on a face recognition model using OpenCV, which can be embedded with hardware systems for biometric security in real-time.
- The task fell under the domain of computer vision. OpenCV was used because the model was needed to be built for real-time recognition. In the initial days of the internship, I also worked on a cat-dog recognizer model. It was made to get the experience of working with Keras and TensorFlow.

PROJECTS

FLIBGIB | APP DEVELOPMENT AND ENTREPRENEURSHIP

Feb 2021 - Present

- Flibgib is a self-initiated project. I started this project with a friend, building on an idea we had to make online dating a more wholesome experience for everybody while respecting the sensitivity associated with this intimate matter.
- We found that most leading dating apps were primarily trying to reinforce desperate behaviour by engaging the users' attention with their addictive gestures.
- The MVP is almost complete and is expected to go into beta testing by the second week of March 2022.

FACE RECOGNITION FOR SECURITY SYSTEMS | COMPUTER VISION (CV)

May 2021 - July 2021

- I worked under Mr. Bhavin Darji (Senior Embedded Engineer, Eductech Learning Solutions Pvt. Ltd) with the purpose of building a model that will detect, extract facial features and recognize the person in real-time
- I built a face recognition model using OpenCV libraries that can be embedded with hardware systems for biometric security in real-time. The model was trained using convolutional/deep neural networks by doing image processing on the image of a person—identifying and detecting facial features to classify different images and finding if they are of a similar person or not.

POR

STUDENT MENTOR - PEER MENTORSHIP PROGRAM , BITS GOA

Aug 2020 - June 2021

- I got the opportunity to mentor six first-year students and guided them about college life and academics. I was a mentor who had the responsibility to give insights into college from academics to extracurricular activities.

CERTIFICATES

- Machine Learning by Stanford University(Coursera)
- Machine Learning A-Z™: Hands-On Python R In Data Science(Udemy)
- The Complete 2021 Flutter Development Bootcamp with dart(Udemy)

SKILLS

TECHNOLOGIES

- Machine Learning • DSA
- Data Mining • NLP
- Data Science
- Full-Stack App Development

PROGRAMMING

- Python • C • C++ • Dart
- Java • CNC programming

LIBRARIES/Frameworks

- PyTorch • Tensorflow • Keras
- Pandas • Numpy • OpenCV

SOFTWARES/TOOLS

- Git • Firebase • Adobe Xd
- MATLAB • Flutter
- Android Studio

EDUCATION

BITS PILANI

B.E. MECHANICAL ENGINEERING (ME)

Aug 2019 - Present | Goa, India

CGPA: 7.9 / 10.00

ST. THOMAS ENGLISH MEDIUM SCHOOL

HIGH SCHOOL

May 2015 - May 2016 | Uttar Pradesh, India

ICSE Exam Score: 92.6/100.00

MIDDLE SCHOOL

Aug 2017 - Mar 2018 | Mumbai, India

ISC Exam Score: 90/100.00

COURSEWORK

- Foundations of Data Science(Current)
- Deep Learning
- Statistical Inference and Applications
- Engineering Optimization(current)
- Probability and Statistics
- Linear Algebra
- Heat Transfer
- Design of Machine Elements