# Brijendra Gurjar

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## Education

**RTU, KOTA**
B.Tech. in Computer Science
📅 2016 - 2020    📍 Ajmer, RJ
Major GPA: 7.2 / 10.0

## Links

🐙 GitHub  **Brijendra07**
in Linkedin  **Brijendra07**

## Skills

**PROGRAMMING**
• Python • C/C++ • Machine Learning
• Deep Learning • OpenCV • MySQL
• PostgreSQL • Neural Networks

**LIBRARIES**
• TensorFlow • PyTorch • Scikit-Learn
• NumPy • Pandas • Matplotlib
• Seaborn

**MISCELLANEOUS**
• AWS • Git • Matlab
• LaTeX • Competitive Programming

## Coursework

**UNDERGRADUATE**
Data Structure and Algorithms
Operating Systems
Object Oriented Programming
Database Management
Computer Networks
Discrete Mathematics
Linux Programming
Statistical Learning
**Project:** Hand Pose Estimation
using Deep Learning

## Certifications

Jovian
Deep Learning with PyTorch
Internshala
Machine Learning Training
Coursera
Machine Learning
Coursera
Mathematics for Machine Learning
HackerRank
Python Programming
Udemy
Tensorflow 2 and Keras

## Experience

**NCIRCLE TECH PVT. LTD.**
Software Engineer
📅 Mar 2022 – Present    📍 Pune, MH
**Project 1: Aro Homes | Backend Development**
- Created Database schema using Python and PostgreSQL.
- Developed an ensemble machine-learning model for required predictions."
**Project 2: Vectorworks | C++ Development**
- Created a tool plugin for Vectorworks to fetch USD files using C++.
- Using our plugin users can create a 3D model in Vectorworks and store them in a USD file.
**Project 3: ArchVision | Python Development**
- Models filtering in Nvidia Omniverse using Python based on category and tags.
- After filtering implementation users can search models by keywords and categories.

**CELEBAL TECHNOLOGIES**
Machine Learning Intern
📅 Aug 2020 – Sep 2020    📍 Jaipur, RJ
**Project 1: Reliance General Insurance | Machine Learning**
- Created a labeled dataset using the LabelMe tool.
- Trained a Detectron 2 model on the dataset and achieved over 80% accuracy in predicting the damaged part of the car.

## ACHIEVEMENTS

- Achieved an average CSI score of 9.5 for all projects.
- In the Archvision Project, I received a flawless CSI score of 10.

## Recent Projects

- Image Classification with Neural Networks
- Generate new anime characters with GAN
- Worked with Titanic dataset with multiple Machine Learning Algorithms
- MNIST dataset training with multiple neural networks

## Summary

- Results-driven Software Engineer with a strong track record of 1+ years in developing innovative solutions and tackling complex challenges.
- Proficient in adapting to cutting-edge technologies, driven by a passion for continuous learning and improvement.
- Seeking opportunities to leverage my expertise and drive growth within a dynamic team environment.