Avinash Sahu

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Education
Education

DEV SANSKRITI UNIVERSITY   **Haridwar, UK**
Masters in COMPUTER APPLICATION. CGPA [7.65/10]   2019-2021
Final Project: Computer vision based parking lot space detections
Minor project: Flutter based chatting application
Relevant Subjects: Advance DBMS, Advanced DCCN, Soft Computing, Advanced Data Structure
Cryptography, Artificial Intelligence, Data mining and big data analytics,JAVA,C,C++.

DEV SANSKRITI UNIVERSITY   **Haridwar, UK**
Bachelors in COMPUTER APPLICATION. CGPA [7.34/10]   2016-2019
Final Project:Android app showing info about colleges in India
Relevant Subjects: DBMS, DCCN, Operating Systems, Data Structure ,C,C++,JAVA,.NET,C#

Skills

Technical: Python, C++, Machine learning,Computer Vision, Tensorflow, Pytorch, Amazon Web Services, Flutter, Opencv, Linux, JavaScript, MERN,Wordpress
Language: English(Fluent),Hindi(Native)

Experience

ResoluteAI.in   **Bangalore,KA**
Computer vision Intern   Mar 2021 - Jan2022
- Lead a team of junior interns to be an offshore support for a machine learning product for the textile industry by annotating constantly changing data and training new models on a daily basis.
- Developed robust AI solutions to solve real-time problems.
- Conducted YOLO V4 object detection model training, including dataset creation, annotations, hyperparameter tuning, and inference on TensorFlow and Google Colab.
- Utilized Mask R-CNN and Faster R-CNN models to train image similarity algorithms, implementing one-shot learning approaches such as Siamese Networks, Feature Matching, and Template Matching using OpenCV.
- Built statistical models to analyze practical data from diverse industries.
- Constructed text recognition for Arabic, English, and Hebrew languages using Pytesseract and Easy OCR.

Alian Software   **Anand, GJ**
Software Development Intern   Mar 2019 - May 2019
- PHP and HTML development outside of WordPress for landing pages, microsites, etc
- Manage technical integration with third party services
- Ensure cross-browser, cross-platform, and multiple device type compatibility for all web solutions and perform any necessary QA on finished products
- Design and marketing materials development: enhance our brand presence (eBooks, flyers, booth design, web banners, PowerPoints, sales collateral, infographics, videos, etc.)
- Monitor uptime, hosting, and databases to ensure site is performing at maximum capacity
- Development expertise with custom post types, custom fields, plugins and themes for high-traffic Wordpress sites

Leadership & Activities

- Lead a team of interns as an offshore support team to a deployed machine learning product in textile industry
- President Award in Bharat scouts and guides.
- Won 1st prize in Tech-charades in Technophilia DSVV.
- Won 1st prize in Jaipuria Quiz League 2017 @University level.
- Won 1st prize in "UTSAV-2018" (annual sports day) Cricket as MOTM