DARSHAN UMAPATHI
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OBJECTIVE:
To pursue a global MEng degree and gain hands-on research experience in the field of Artificial Intelligence for Computer Vision specifically Data involving images and work in a research team at a University

EDUCATION:

BE in Electronics and Communication Engineering, Visvesvaraya Technological University, Bangalore. 71.5%

2011 – 2015

RELEVANT COURSES:
Computer Programming including C and C++ Programming Lab, Image Processing, Operating System, Information Theory and Coding

RELEVANT PROJECTS AND INTERNSHIP:
- **Image classification – CIFAR-10, 2018-2019**
  A generalized project for object detection for the computer vision dataset using Tensorflow. It was a single person course project where I used images and normalized the images and labeled using one-hot encoding. Using Convolutional Neural network to train and finally predicts on the sample data
- **Chatbot – GE Innovation project – 2017-2018**
  A solution that was designed by team of four that helped the customers of any GE Aviation website to access the application with a help of a customized chatbot. The chatbot was designed and built using python, were I took the responsibility to pair the question-response pair and train it on different dataset and algorithms.
- Final Semester Project – **Land Surveillance Robot** -2015, as a team of four we built an unmanned robot that could be controlled using RF remote. I programmed the robot using C++ programming language to collect data via the camera and store the images and also to stop the robot when an obstacle is close by using Infrared Sensors controlled by Arduino microcontroller.

EXPERIENCE:
Infosys Limited, Bangalore   **Senior System Engineer**   **Sept 2018 – Present**

- Unilever DellBoomi process Development. Developed maps, end-to-end process, Partner connectivity and conducted testing for data migration from SAP to ECC and vice versa.
- Working with Infosys DNA (Data and Analytics) team, Machine Learning techniques to solve the enterprise problems.
- Vodafone ECare UK: an internet based application of a leading telecommunication company of UK. Was a part of complete Software development life cycle from Requirements gathering phase, Analyze the requirements and effort estimation for assigned theme, developing the application
- Part of Data Processing and storage team/project, where the pre-processed data is stored at data warehouse and once processed, this raw data is stored on the cloud to be accessed by the other process leads.
- Working on Data grid for real-time data integration using data integration tools such as ETL loads, transforms.
- Worked on Images to find the difference between images, combining images, 3D modeling as a part of Zero bench and accelerate project.

Capgemini Technology India, Bangalore   **Associate Consultant**   Dec 2015 – Sept 2018
- Full stack Web-developer working on technologies such as Java, Spring for data manipulations and Angular JS and JavaScript for User interface.
- Advocate various activities of Web-development cycle. Planning, Design, Development and test phase for most of the projects.
- Working on projects for data Analysis using Python using GE aircraft data to predict the future shop visits and the cost of engine replacements.
- Worked on simplifying and automating the web applications using Chabot's. Successfully developed and deployed Chabot's
- Took the initiative of automating most of the process in the application using RPA tools such as Ui path.

TECHNICAL CERTIFICATIONS:
- Deep Learning 5 course Specialization, by Deeplearning.ai, Present
- Dell Boomi Professional Certification. 2019
- Complete frontend certification, Udemy, 2019
- Python Certification along with Tensorflow for Computer Vision, Udemy, 2018
- Machine Learning by prof. Andrew Ng from Coursera, 2017-2018
- Ui Path Certification and Predix Certified,, 2018
- Attended Predix Bootcamp training, 2016-17

ACTIVITIES AND AWARDS:
- Part of Infosys Basketball team that won the 2018 corporate tournament Challengers cup.
- Participated in the Predix Hackathon organized by GE at Capgemini during 2017 and worked on a smart lighting project using Paas to develop real-time IOT project and secured 4th Place.
- Won the white-paper presentation on "Augmented reality" and Tech-talk competitions at Capgemini, 2017
- Represented State team (Karnataka) at National Level Basketball tournament 62nd National Basketball Championship held at Delhi.
- Won the Mahindra NBA Challenge held in Bangalore, Runner-up of Mahindra NBA Challenge National Finals held at Delhi, 2014.
- Captained the state and college basketball teams and also received Most Valuable Player on numerous tournaments at school and college level tournaments.
- Non-Profit initiative: Founder and Board member of a non-profit Academy named "M.N. Krishna Rao Park Basketball Academy" helping in promotion of the game of basketball, 2017. We organize winter and Summer Basketball tournaments for Schools and Colleges twice each year.
- Coordinated various events such as Hackathons, Quizzes as a part of the IEEE team during intercollege technical events 2014.