Computer Vision Intern Computer Vision Intern Computer Vision Intern Binghamton, NY Work Experience Computer Vision Intern VehWare - Binghamton, NY February 2019 to May 2019 - Design and construct computer vision approach for real-time, visual driver hazard avoidance technologies - Perform experimental measurements necessary for successful support on ongoing experiments. Python Programmer Autonomous Exploration and Object Search for Mobile Robots, Robotics Binghamton - Binghamton, NY September 2018 to December 2018 - Implemented Human and Dog face detection using Haar feature-based cascade classifier - Built Convolutional Neural Network from scratch to train the model and calculated test accuracy of 10% - Implemented CNN using Transfer Learning using Resnet-50, Inception, VGG-16 pre-trained models to improve the accuracy - Calculated highest test accuracy of 83% using Inception pre-trained model Autonomous Exploration and Object Search for Mobile Robots, Robotics Binghamton August 2018 to December 2018 - Implemented autonomous Exploration of a Turtlebot in unknown environment using Octomap to publish 2D occupancy grid - Tested Object Search for a Turtlebot using object detection API and Convolutional Neural Network - Built external memory unit to store abstract features of scenes to reduce an object search time in pre-explored areas Twitter Sentiment Analysis, Python Programmer Binghamton, NY March 2018 to April 2018 - Trained various Supervised Learning models such as Naive Bayes, Logistic Regression, SVM, KNN, Perceptron - Calculated highest accuracy of 97% on SVM model for classification - Used Twitter API to retrieve Real time Tweets to classify Twitter Sentiments using SVM Web Developer Enactus Binghamton University - Binghamton, NY December 2017 to February 2018 - Design and Develop Enactus Club Binghamton University website - Design and organize six pages such as Home, About, Projects, Partners, Events, and Contact - Remodel Drop down menu and embed Google form Scala Developer Health Insurance Portal - Binghamton, NY October 2017 to December 2017 - Explored Java, PL/SQL, and Scala for Object Oriented, Procedural, and Functional paradigms respectively - Developed a web project for users consisting of the customers and employees - Designed an interface for the Customers to buy policies online - Implemented tools for tracking the policy, work on cases assigned Python Programmer Web Search Engine - Binghamton, NY October 2017 to December 2017 - Built 'Web

Search Engine' to perform indexing and show query related results - Implemented the dictionary to retrieve the information Machine Learning Engineer Mumbai, India Mapping of Brain Wave Signature to Motor - Mumbai, Maharashtra July 2016 to May 2017 - Implemented 'Mapping of Brain wave Signature to motor movements' using Machine Learning - Captured Brain waves using brain computer interface and Machine Learning - Implemented a classifier that differentiates between the brain waves - Mapped the waves to different motor movement labels LEADERSHIP EXPERIENCE Treasurer Computer Society of India Mumbai Chapter - Mumbai, Maharashtra June 2015 to May 2016 Maintain records for the chapter and organize campus events. Android Development Intern NectarGlobe Technology Solutions - Mumbai, Maharashtra May 2013 to July 2013 - Implemented Health Center using Java and XML formatting in Android Studio - Implemented Alarm Service, Google Push Notification Service, Reminder for Medicine/ Meal, Call the store features   PROJECT EXPERIENCE Education Master of Science in Computer Science in Computer Science Binghamton University, State University of New York, Watson School of Engineering - Binghamton, NY May 2019 Bachelor of Engineering in Computer Engineering Sardar Patel Institute of Technology, Mumbai University - Mumbai, Maharashtra July 2013 to May 2017 Skills ANDROID STUDIO, C++, DJANGO, Git, HASKELL, HTML, JAVASCRIPT, PROLOG, PYTHON, OPENCV, MACHINE LEARNING, ECLIPSE, JAVA, jQuery, MYSQL, GNU, DATA VISUALIZATION, SCALA, ANDROID, CSS, Computer Vision, C, Algorithm Links https://www.linkedin.com/in/shriprasad-bhamare-4b999b45 https://github.com/ShriprasadB?tab=repositories Additional Information TECHNICAL SKILLS Languages: C, C++, Java, Python, Haskell, Scala, Prolog, MySQL, MSSQL, Javascript, jQuery, HTML, CSS Software and OS: Eclipse, Android Studio, Git, Linux, Net Beans, Matlab, Code Blocks, Jupyter Notebook, ROS   Additional: Django Framework, Machine Learning, GNU Octave, SQLAlchemy, Data visualization with Bokeh, OpenCv

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