Pashupati Nath Verma

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Education

B.Tech in Computer Science And Engineering(CSE) 2014 - 2018
National Institute of Technology Karnataka, Surathkal, India

CGPA of 7.66/10 (May 2018)

High School - JNV SiddharthNagar, UP (CBSE) - 95% 2009 - 2011
Secondary School - JNV Bangalore Urban, Bangalore (CBSE) – 87% 2011 - 2013

Currently working in Riverbed Tech Bangalore as Member of Technical Staff in SDWAN Team having experience of 6 month in SDWAN Technology and Networking

Experience

Software Engineering Intern, IDrive, Bangalore May, 2017 - July, 2017
Worked with the Face Recognition Project Team on face detection irrespective of expressions and emotions using Haar Cascade Classi er, face cropping, clustring and labelling of each created clusters of faces dataset containing 128 feature vectors for each faces using kmean and kmean++ algorithm and validation of dataset using euclidean distance with accuracy of 81%.

Summer Trainee, Globsyn Finishing School May, 2016 - June, 2016
120 hrs of training in Web Development(Django, HTML5, CSS3, MySQL,SQLite, Bootstrap) and Android Application Development.

Technical Skills

Strongest Areas - Data Structures and Algorithms, Operating System, Database
Languages - C, C++, Python, java, GO, Pearl
Tools/Frameworks – Pytest, STL, AzureML Studio , Django, Android Studio, STL, MySQL, Git, AWS, Docker

Relevant Courses

Data Structures and Algorithms, Operating System, Machine Learning, Databases, Computer Networking, Distributed Computing, Information Security, Software Engineering, AI, Data Warehousing and Data Management

Selected Projects

Predict Flight Delay based on the Climate change : This Project aim to predict the ight delay based on the weather condition.Logistic Regression, Classi cation Tree and Naive Bayes model implemented using Scikit-Learn lib in python and Comparison between them done using Confusion Matrix to select the best model for predection.

Automatic Form Filling APP: An Android application for form lling by speech. OCR (Optical Character Recognition) and Google Speech To Text API used for the development of this application.

RESTful API for webservice: developed using Flask web development framework and SQLAlchemy for the database storage.It supports GET,PUT,POST,DELETE user requests and response in the form of JSON data format.

LFU Cache Implementation: An LFU cache eviction algorithm implemented in operating System project has a runtime of O(1) for all its operation,which include insertion,access and deletion(eviction). This is implemented by maintaining 2 linked lists; one on the access frequency and one for all elements that have the same access frequency.

Online Grocery Shop: An ASP.net based project in c#. Ecommerce website- features include accessing and updating databases of products and consumers, product recommendation, uses of Google Maps API and PayPal Sanbox implemented for virtual payment testing environment.

Achievements	Daskhana Scholarship (2011-2013) code.fun.do online hackathn (april 2016)conducted by Microsoft for completing the code.fun.do online hackathon Applied CS With Andriod(april 2016) For successfully completing the coursework in Andriod App - development
Hobbies	Competitive Coding, Watching Documentaries, playing cricket, Solving Puzzle
Linkedin Profile	https://www.linkedin.com/in/pashupatinathverma/
Github Profile	https://github.com/pashupati123