

Varun Pius Felix Rodrigues

352-484-6730
varunpius@ufl.edu

LinkedIn: www.linkedin.com/in/vpiusr
Website: varunpius.github.io

3800 SW 20th Avenue, Apt no. 503,
Gainesville, FL – 32607.

EDUCATION

Master of Science in Computer Science University of Florida, Gainesville, FL	August 2015 – May 2017 GPA: 3.33
Bachelor of Engineering in Electronics and Telecommunication University of Mumbai, Mumbai, India	August 2008 – June 2012 GPA: 3.7

SKILLS

Programming Languages: C++, Java, Python, Perl, Linux Shell scripting, R, Matlab, JavaScript
Database: Teradata, Vertica, MySQL, Oracle PL/SQL, Microsoft SQL Server, MongoDB, Cassandra, Apache Hive
Tools: IBM Cognos, Microsoft SSIS, Microsoft SSAS, Tableau, SAP BusinessObjects, Informatica, Apache Spark
Certifications: SUN certified Advanced Java Web Developer (J2EE), Cisco Certified Network Associate (CCNA)

WORK EXPERIENCE

Systems Engineer , Infosys Ltd., Bhubaneswar/Pune, India	June 2013 – July 2015
<ul style="list-style-type: none">Responsible for the design and development of data warehouse using OLAP DBMS such as Teradata and OracleLed the design of the staging and transformation database, and the development of staging, transformation and presentation databaseDesigned and delivered business reports for clients using reporting solutions like IBM Cognos and SAP BusinessObjects and designed and performed Cube analysis using Microsoft SSASPerformed Unit Testing on the developed components	

PROJECTS

Machine Learning Classifiers , University of Florida	January 2016 – Present
<ul style="list-style-type: none">Developed Machine learning classifiers from the mathematical models derived and compared their performance with industry standards and available librariesClassifiers developed in Python (Numpy and SymPy), Matlab and R	
Peer-to-Peer application , University of Florida	November 2015
<ul style="list-style-type: none">Split file into 100 KB chunks and distribute fewer than total chunks equally to peers. Peers then obtain missing chunks from neighboring peers. At peer, once all chunks obtained from neighbors, merge the chunks to obtain original file.Application done using socket programming in Java	
GOSAP VDW , Infosys Ltd.	March 2015 – July 2015
<ul style="list-style-type: none">Developed the transformation and semantic layer data warehouse, over which the entire reporting layer was built. Data warehouse was developed on Teradata. Tested the data warehouse for data consistencyDeveloped a cube and performed cube analysis on it using Microsoft SSAS and delivered reports in IBM CognosPerformed ETL operations to move data from Staging to Transformation to Presentation layer and do data cleansing	
Retail Planning Tool , Infosys Ltd.	July 2014 – February 2015
<ul style="list-style-type: none">Data warehouse for the client Apple, Inc. to plan and deliver their products across its stores. The tool will help client understand the requirements for products according to the inventory across its geographyThe requirements are captured by transaction systems and passed on to data warehouseDesigned and developed the staging and semantic layer of the data warehouse. Also, developed the presentation layer data warehouse. Tested the entire data warehouse for data consistency	
Vocal Emotion Recognition , University of Mumbai	October 2011 – April 2012
<ul style="list-style-type: none">Designed and developed a neural network system, which identifies the emotions of the person when he/she speaks into the system using Backpropagation AlgorithmCo-authored a research paper 'MFCC-based Vocal Emotion Recognition Using ANN' based on the project	

PUBLICATIONS

MFCC-based Vocal Emotion Recognition Using ANN At International Conference on Electronics Engineering and Informatics, Phuket, Thailand	September 2012
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