DHEERAJ P. SRIVATSAV

1205, University Avenue, Apt 231, Columbia, MO 65201 | (573) 639-9135 | dpstm3@mail.missouri.edu

OBJECTIVE
Computer Science graduate student seeking internships/co-ops.

EDUCATION

University of Missouri, Columbia   Expected Graduation: *Spring 2017*
Master of Science in Computer Science   GPA: 3.4
Visveswaraya Technological University (VTU), India   *June 2014*
Bachelor of Engineering in Computer Science   GPA: 3.7

SKILLS
- *OS:* Windows(7,8,10), LINUX
- *Languages:* R, SQL, C/C++, Java, HTML5, CSS, PHP, JavaScript.
- *Tools:* MS Visual Studio, MS SQL Server 2012,CodeIgnite(MVC), NetBeans, Eclipse, AWS and Octave.

WORK EXPERIENCE

Department of Computer Science, University Of Missouri, Columbia, MO
Graduate Teaching Assistant   *January 2015 – present*
- Head TA for Algorithm Design and Programming. Tasked with creating programming assignments and conducting two labs per week.
- Detected, identified and documented bugs while helping students. Also learnt valuable interaction and leadership skills.

Technology Services, Trulaske College of Business, Columbia, MO   *September 2015- present*
Web Application Programmer
- Develop Web applications and Databases used for Business Solutions and maintain them.
- Involved in AGILE development cycle for creating the apps.
- Worked with the project team on design decisions and test strategy which resulted in improving the speed of development process by at least 25%.

Total Person Program, University of Missouri Athletics   *September 2014 – July 2015*
Academic Tutor
- Assisted University student athletes in CS and Mathematics courses via one-one interaction. Received CRLA certification as a LEVEL 1 tutor.

MAJOR PROJECTS
- **Assessment Dashboard- Business Solution application**
  A Cyfe based Business dashboard application. I was involved with Database design which was done using Microsoft SQL Server and PHP was used as the backend scripting. Incorporated all SQL functions via Stored Procedures and front end UI design which was implemented using HTML, CSS and JavaScript.
- **Generating Social Heat maps of trending topics from Facebook and Google (Cloud Computing).**
  Implemented the working of app on Amazon Web Services (AWS) and GENI cloud platform. Also performed the database set up for the trending topics using MySQL & PHP interface for backend.
- **Prediction of Alcohol Craving using Multiple Bayesian Networks.**
  A predictive data analysis of Alcohol Craving of different subjects using Bayesian Networks. Involved with data cleaning, preprocessing and deriving the formulae for Bayes probability prediction.
- **Securing Visual Cryptography of Shares using Public Key Encryption (RSA).**
  To provide an approach to secure the hand written text, images and printed documents over the public network. A Java based implementation which dealt with splitting images into shares and then encryption using RSA. Used Swings and JDBC for designing the framework.
- **Analytics of Medical Big Data- Patients Records for admission and readmission.**
  Perform analysis of Patients admission and readmission based on different attributes using data warehousing tool Hive.

EXTRA CURRICULAR ACTIVITIES

Treasurer at Computer Science Graduate Student Council.   *Spring 2015- Present*
Semester Welcome Volunteer with International Center, University of Missouri.   *Spring 2015-Present*
Blood Donation Volunteer at Blood Bank (Lion's Club and Red Cross)   *2010-2014*