

DHEERAJ P. SRIVATSAV

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[LinkedIn](#) [Website](#) [GitHub](#)

EDUCATION

University of Missouri-Columbia
Master of Science in Computer Science
Visveswaraya Technological University (VTU), India
Bachelor of Engineering in Computer Science

Graduation: *May 2017*
GPA: 3.5
June 2014
GPA: 3.7

SKILLS

- Languages: HTML5, CSS, SQL, Java, PHP, JavaScript, C/C++, jQuery, Bootstrap, AngularJs
- Tools: Visual Studio, MS SQL Server, NetBeans, AWS, TFS, Blackboard, SVN, Git, MVC, Unix

WORK EXPERIENCE

Software Developer Intern, DuPont Pioneer, Johnston, IA

May 2016 - Aug 2016

Part of the team working on World's leading precision agriculture software - ENCIRCA

- Implemented custom directives and controllers to consume RESTful Web Services in a TDD process
- Updated stored procedures on MS SQL
- Satisfied business requirements via non breaking changes in a Continuous Integration environment
- Refactored code modules by enhancing readability and efficiency, helping future development
- Embraced SCRUM/AGILE methodology of Software Development Cycle

Web Application Programmer, Technology Services, University of Missouri

Aug 2015 - Dec 2016

Part-time student developer worked on in house applications for Trulaske College of Business

- Developed PHP/C# Web Applications used for Business Solutions to replace EXCEL applications
- Created and updated databases, tables and procedures
- Adopted good version control techniques and project management tools to design and ship software
- Identified, documented and fixed bugs while providing support for the applications

Graduate Teaching Assistant, Department of Computer Science

Jan 2015 - present

Lead TA - Algorithm Design and Programming with average student enrollment of 300/semester

- Acted as a liaison between the professor and a team of 8 TAs, by scheduling and delegating tasks
- Designed and developed programming assignments in accordance with the syllabus
- Teaching, monitoring and grading lab sessions consisting of 30 students every week
- Effectively managed records for all the students and provided one-one help during office hours

PROJECTS

- Generating social heat maps of trending topics from Facebook and Google (cloud computing): Implemented the working of application on Amazon Web Services (AWS) and GENI cloud platform. Also performed the database set up for the trending topics using MySQL & PHP interface.
- Purchase Card Manager: A Financial transaction management application to track and approve transactions. Designed and developed transaction creation module, to support different access levels and statuses. Released to serve 4 departments at College of Business in Dec 2016.
- Mood Toolkit Dashboard: A configurable data analytical dashboard application to support research studies. It manages survey data of different studies/participants and utilizes Highcharts for plotting
- 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.

EXTRA CURRICULAR ACTIVITIES

Treasurer at Computer Science Graduate Student Council.
Semester Welcome Volunteer with International Center, University of Missouri.

2015 - present

2015 - present