

BHARGAVI KUNAPAREDDY

4317 Lincoln Swing, #27
Ames, Iowa 50014

E-mail: bhargavi@iastate.edu
Phone: +1-515-735-8738

EDUCATION

Master of Science | Iowa State University August 2016 – present
Major: Computer Science **GPA:** 3.22/4
Graduation year: 2018
Bachelor of Engineering | Jawaharlal Nehru Technological University, India August 2012 – May 2016
Major: Computer Science **GPA:** 3.6/4

TECHNICAL SKILLS

- Programming Languages: Java, C, C++
- Web Technologies/ Frameworks: HTML, CSS, JavaScript, ReactJS, Redux, OpenLayers, Bootstrap
- Databases: MySQL, Neo4j, Titan
- Operating Systems: Windows, Linux
- Others: Eclipse, AWS, Android Studio, MSOffice, Rational Rose, Argo UML, Git

EXPERIENCE

Scrum Master | Distributed Software Development course August 2017 – Dec 2017

- Work with Agilefant tool to monitor, generate and collect teams' performance statistics.
- Coach and facilitate flow internally and externally and the teams progress towards the goal.

Software Engineering Intern | SmartAg LLC | Ames, Iowa May 2017 – July 2017

- Worked on an app that enables farms to use and benefit from internet connected machinery, supervised and fully autonomous equipment and advanced path planning.
- Responsible for optimizing user interface to create seamless user experience online and on-board.
- Used the concepts of JavaScript, ReactJS, Redux, OpenLayers, NodeJS and AWS to build front end software. Implemented and tested the UI on various devices.

Graduate Teaching Assistant | Part time August 2016 – present

- Courses: Web Programming, Spreadsheets and Databases
- Manage online homework, grades and notes on Blackboard for undergraduate students.
- Lead students in regard with their assignments in lab and assist them.

Intern | TSSPDCL | Hyderabad, India May 2015 – July 2015

- Worked on an online application, an executive information and energy billing system for entering, calculating and monitoring customer details at Southern Power Distribution Company of Telangana, India.
- Used the concepts of Java, html, css and jsp.

ACADEMIC PROJECTS

Graph Data Modelling for Political Communication on Twitter August 2016 – Dec 2016

- Proposed and implemented efficient graph database by designing 4 graph data models in Titan.
- Implemented Gremlin to distinguish the impact of each query optimization technique used in the data models.

Android application for senior citizens August 2016 – Dec 2016

- Reminds senior citizens important items to carry. Uses Beacon, a Bluetooth radio transmitter to detect items listed in app. Responsible for development of UI for the app.

JPMorgan Chase, India Jan 2016 – May 2016

- Worked on an application to visualize complex network of data flows and data dependencies of bank database.
- Developed code parsing engine to extract data elements and graphical user interface for visualizing the data flow using Bootstrap and D3.js

Testing an e-commerce website, India Oct 2015 – Dec 2015

- Developed an e-commerce website using WordPress.
- Studied industrial testing practices used with respect to an e-commerce website, analysis of their test plan, test strategies, test cases and the different types of testing used.

POSITIONS OF RESPONSIBILITY

- Workshop Organizer for 'Cyber Security and Ethical Hacking' by Mahesh Rakheja at JNTU, India.
- Led a 5-member team under financial division during 'QUEST', a national level technical symposium.