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ASHISH V SHENOY

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EDUCATION

University of Wisconsin-Madison	Madison, WI	Fall 2015 – Spring 2017
<ul style="list-style-type: none">• M.S. in Computer Science, May 2017*, GPA: 4.0/4.0• Courses: Machine Learning, Data Science, Computer Vision, Computer Networks		
R. V. College of Engineering	Bangalore, India	Fall 2009 – Spring 2013
<ul style="list-style-type: none">• B.Engg. (Computer Science), May 2013, GPA: 9.45/10.0, GRE: 336		

EXPERIENCE

Software Development Engineer	NetApp	Aug 2013 – Jul 2015
<ul style="list-style-type: none">• Designed and developed features for OnCommand Performance Manager and OnCommand System Manager.• Worked primarily in Java, Spring, AngularJS and MySQL.• Received "Spot Award" for bringing down the backlog of customer found defects from 30 to 0 during ramp up.• Built an Android prototype called "NetApp SMART" to automate storage provisioning workflows.• Awarded "Rising Star" for the year 2014-2015.		
Software Development Intern	NetApp	Jan 2013 – Jul 2013
<ul style="list-style-type: none">• Designed and developed a test automation web tool for the FAS Systems Group (FSG).• The tool was primarily built using PHP, Perl, HTML, JavaScript and MYSQL.		
Software Development Intern	Renesas Mobile	Jun 2012 – Aug 2012
<ul style="list-style-type: none">• Worked on encoding and decoding logic of the GPRS module of the Renesas 4G LTE USB Modem.• Mainly involved working with embedded C and network programming.		

RESEARCH EXPERIENCE

Research Assistant	University of Wisconsin-Madison	Aug 2015 – Present
<ul style="list-style-type: none">• Working with Prof. Barton Miller on Project SWAMP, a web tool which helps developers test the security of their software and provides an online lab of static analysis tools. Technologies : Perl, Java, Python.		
Research Assistant	Indian Institute of Science, Bangalore	Jun 2012 – Aug 2012
<ul style="list-style-type: none">• Designed and developed an evaluation tool and an android app for Optical Character Recognition and Text-To-Speech Engines for Indic Languages using NLP techniques under Prof. A.G. Ramakrishnan. Technologies : Java SWT, Android, JAXB.		

SELECT PROJECTS

- **Semantic Vertical Search Engine** (May 2013): This project involved building a Focused Crawler, Text Classifier, Indexer and Page Ranking algorithm. Technologies used: **Python, PHP, JavaScript, MySQL, jQuery, Beautiful Soup, HTML**.
- **Machine Learning Projects** (Sep-Dec 2015): Designed a system to predict the outcome of a cricket match by learning feature sets from statistics in CricInfo.com. Implemented Iterative Dichotomizer-3 tree, Single-layer neural network and Tree Augmented Naïve Bayes algorithm for predicting diabetes, heart disease, tic-tac-toe moves and RADAR signals.
- **Optical Character Recognition Evaluation Engine** (Aug 2011): An open source OCR algorithm evaluation tool built using Java. Technologies used: **Java, SWT, JAXB, XML DOM Parser**.
- **Bokwas.com** (Apr 2013): An anonymous social networking mobile app that integrates Facebook with a wrapper network of anonymous posts. Technologies used: **neo4j, MySQL, Android, Java, JavaScript, Facebook Graph API**.
- **MATRIX - (Matching, Analysis, Text Retrieval and Information Extraction)** (Nov 2015): Performed information extraction and entity matching on data sets from Yelp and Zomato. Applied learning methods such as Randomized Forest and Naïve Bayes for matching the entities. Technologies used: **Scikit-learn, Python, Magellan Library for Entity Matching**.

PUBLICATION

- Dr. S.R Swamy, **Ashish V Shenoy**, et al **Swarm Intelligence Algorithms for Optimization: A Survey**, Proceedings of the National Conference on Recent Trends in Computer Technology, 2011 Volume 2, Pp28 to 33.

LANGUAGES AND TECHNOLOGIES

- Java, Python, PHP, Perl, C++, C#, MySQL, SQLite, neo4j, JavaScript, AngularJS, node.js, jQuery, Spring, HTML, CSS
- Android, Windows Phone, Blackberry 10, GWT, GXT, ASP.NET, Matlab

NOTABLE MENTION

- Winner of Microsoft Hackathon (Bangalore, 2012)
- Winner of VMWare CloudFoundry Hackathon (Bangalore, 2012)
- Top 20 worldwide in Research in Motion Hackathon (2013)

<https://github.com/ashishvshenoy>

<https://www.linkedin.com/in/ashishvshenoy>