Keshav **Malpani**

Software Developer · Data Scientist

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Education

University of Illinois at Chicago *Chicago, Illinois*
Master of Science in Computer Science *Expected - Dec 2017*
- GPA: 3.80/4 | Courses Taken: Data Mining, Database Systems, Machine Learning, Applied Artificial Intelligence

Osmania University *Hyderabad, India*
Bachelor of Engineering in Computer Science and Engineering *Completed - May 2016*
- GPA: 3.5/4 | Courses Taken: Information Retrieval, Design and Analysis of Algorithms, Distributed Systems

Technical Skills and Certifications

Languages: Java, Python, C, C++, HTML, CSS, JavaScript, MATLAB, Jess

Software: Eclipse, Anaconda, NetBeans, IBM's Rational Rose, MS Office, MS SharePoint, Netica

Database Management Systems: MySQL, Oracle SQL, MongoDB

Operating Systems: Windows, Ubuntu, Mac OS, Red-Hat Linux

Certifications: Microsoft Technology Associate (MTA): Cloud Fundamentals

Experience

Web and Network Administrator - Graduate Assistant *Chicago, Illinois*
University of Illinois at Chicago *Nov 2016 - Present*
- Maintain and support the College of Business Administration's websites and network using Windows Server to provide students and faculty access to critical information
- Responsible for hosting and publishing websites using Cent OS and working with CMS such as Drupal and Wordpress

Web Development Intern *Hyderabad, India*
Driver Cult *Dec 2014 - Mar 2015*
- Lead the team that designed and published the company's first website which increased web traffic by over 35% and improved user experience and engagement
- Initiated the framework for the company's Android mobile application to capture greater time spent by the users

Database Administrator Intern *Hyderabad, India*
Infotrack Systems Pvt. Ltd. *June 2014 - Nov 2014*
- Trained and worked under Databases and Networks department and successfully implemented the tasks assigned
- Responsible for handling databases queries and managing network issues in real time projects

Projects

Twitter Sentiment Analysis *Python, Scikit Learn, NLTK*
Data Mining Lab, UIC *March 2017*
- Designed and engineered different learning techniques for classifying sentiments for a Twitter dataset
- Built various multi-class text classifiers that delivered promising F-scores and very high precision-recall metrics

Football Player Evaluation Engine *Java, JESS, Netica*
Artificial Intelligence Laboratory, UIC *Feb 2017*
- Created a automated system to evaluate football players and provided recommendations if the player is good
- Used Jess API for Eclipse for developing the automated system and used Netica to implement Bayesian Networks

Gesture Segmentation using Skeleton Tracking and Machine Learning *Python, Lua, MATLAB*
Electronic Visualization Laboratory (EVL), UIC *Nov 2016*
- Wrote algorithms to identify "moving window" gestures generated from XBOX Kinect
- Implemented techniques like Decision Trees, SVM's and Neural Networks to determine the testing accuracy

Chain Reaction *Python, JavaScript, HTML*
Web Application Development, Computer Society of India(CSI) Hackathon 2015 *Jan 2015 - May 2015*
- An online web-application of a popular Android game, "Chain Reaction" which enables users to play multiplayer mode with others around the world
- Our team was awarded the 3rd prize in the Computer Society of India's Hackathon

A Hybrid Cloud Approach for Secure Deduplication (Undergrad Research Thesis) *Microsoft Azure, Heroku*
Cloud Computing Lab, Osmania University *Jan 2016 - May 2016*
- Proposed methodology that tests the security and privacy of data stored in the cloud

Extracurricular Activity

- Active participation in hackathons sponsored by Mozilla Firefox, Google Chrome and Computer Society of India
- Active member in Computer Society of India (CSI), The Institute of Electrical and Electronics Engineers (IEEE), Association of Computing Machinery (ACM) chapters at the University Level
- Active participation in EPICS, which is a philanthropic venture based out of Singapore focused on funding education and health-care for impoverished children affected by HIV. Monitored progress of the projects and reviewed monthly reports sent by the local partners