Yash Sumant Ketkar

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Education

- **Master of Science (MS) in Computer Science (CS)** - Indiana University Bloomington *Expected May 2017*
- **Bachelor of Engineering (BE) in Information Technology (IT) Engineering** - University of Mumbai *Graduated May 2015*

Work Experience

Kelley School of Business *February 2016 - Present*
- Provide hands-on support to users of Kelley School of Business's systems in the capacity of IT Consultant.
- Involved communication with clients and demonstrating problem solving skills.

Tencent India *April 2014 - May 2014*
- Worked on the **WeChat** Android application in the capacity of Software Developer Intern.

Projects

eDocLite [NodeJS, ReactJS] *January 2016 - Present*
Developing a web-based form builder using ECMAScript 2015/16, Node.js and React.js for the UI, using Scrum, an iterative and agile software development methodology for collaborating and managing development and was an active member in all phases of SDLC.

Website for United Nations Association at Indiana University [HTML, JS, CSS, Bootstrap] *January 2016 - Present*
Designed and developed a website for United Nations Association at Indiana University which is a student run organization.

PageRank in Hadoop [Java, Apache Hadoop, MapReduce, Cloud Computing] *January 2016 - February 2016*
Iteration configurable program for generating PageRank for URLs based on Hadoop Framework
Word Count - Calculate the frequencies of all the words in a text file with Hadoop MapReduce and HBase

Game Maker [HTML, JS, CSS, Java Spring MVC, MySQL] *October 2015 - December 2015*
Designed and implemented a game maker application which allowed the user to build and later play various arcade games like brick breaker, pong, and space invaders.

Protocol Based Packet Sniffer and Intrusion Detection System *June 2014 - May 2015*
Application detected packets of various TCP/IP protocols using Winsock API and was capable of detecting network intrusion attempts, flag malicious activity in the network and isolate exploited systems.

Attendance Manager [Android, Java, XML, Gradle, Maven] *June 2014 - December 2014*
Design and Implementation of Attendance Tracking Application using Java and XML, used Android Support Libraries for backward compatibility and used Google Play Services along with AdMob for monetization and Google Analytics for tracking response.

Publications

- "A Protocol Based Packet Sniffer" published in International Journal of Computer Science and Mobile Computing (IJCSMC) (ISSN 2320–088X) - Volume 4 Issue 3 March 2015.

Awards and Achievements

- Technology Chair of United Nations Association at Indiana University from August 2015 to Present.
- Won Finalist Position at Tata Consultancy Services (TCS) - IT Infrastructure Services Challenge in Dec 2013.
- Won the 1st Prize in 'Android Application Development' held by Tryst, Indian Institute of Technology, Delhi.
- Participated in a training program for Cisco Certified Network Associate (CCNA).

Skills

Java, C, C++, Python Scripting Language, .NET Framework, iOS, Windows, Linux, Oracle, SQL, HTML, CSS, JavaScript, Wordpress, PHP, NodeJS, ReactJS, Bootstrap, REST Web Services, JSON, XML, Hadoop MapReduce, Amazon Web Services (AWS), Eclipse, Visual Studio, Android Studio, WireShark, Adobe Photoshop, Version Control, Git, Maven, Gradle, Confluence, Jira, Bamboo, Issue Tracking, Build and Test Automation, Continuous Integration, Object Oriented Software Development, Cryptography, Analytics, Algorithm