

Jeevan Joseph

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Objective:

To work in an intellectually stimulating environment which would present a new challenge every new day, and to contribute effectively to the growth of the company.

Education:

- Master of Science- Computer Science at University of Illinois at Chicago (**May-2013**)- **3.65 GPA**
- Bachelor of Technology- Mahatma Gandhi University, India. (Electronics and Communication)- **73.7%** Aggregate

Technical Skills:

- Programming Languages: C, Java.
- Web Technologies: PHP, HTML, CSS.
- Database: MySQL
- Scripting: Shell, Python.

Relevant Course work:

- Data Structures and Discrete Mathematics- Extensive coding using basic and advanced Data Structures.
- Introduction to Algorithms- Familiarization of different types of Algorithms- greedy, divide and conquer etc.
- Data and Web Semantics- Implication and importance of the Semantic Web.

Internship (amazon.com): Cost Allocation through Tagging(CAT)

- Implemented the feature of allocating cost through tagging in the Relational Database Services Team(AWS), which let customers organize their AWS bills to reflect their own internal cost structure. More details on the project is available here: <http://bit.ly/NG8yVo>

Current Responsibility: Graduate Assistant at University of Illinois at Chicago.

- Redesigning the www.matec.info, enhancing the existing functionality and improving the user experience. The apache server hosts the site with PHP on the server side, extensive use of JQuery and AJAX on the client side.
- Developed www.matec.us/erdata, a report generation system where users can submit MATEC programs. The system can generate 16 different reports based on the input received.

Ongoing Hobby Project:

- CardGame28: Developing an android application for the Indian trick-taking card game, 28. Single player completed. Working on multi-player mode. Additional contributors: mthoma43@uic.edu, jkaipr2@uic.edu. GitHub page: <https://github.com/itsjeevs/CardGame28>

Completed Projects:

- Compiler Design for C Minus
Designed a compiler for the (C-) language(a subset of C). The project was completed as a series of 6 projects in a span of 3 months. Like the gcc compiler, our compiler had lexical analyzer, parser, syntax tree, abstract syntax tree, symbol table, type checking, etc.
- Semantic Explanation of Ontology Matching
Developed a system to explain Ontology matching graphically. The system broke down the similarity values among different matchers by introducing a tree data structure with small nodes which store the final value from a matcher and finally visualize the results in an intuitive way. More details: <http://bit.ly/UywTzF>

Extra-curricular Activities

- Reached finals in Concept2Venture Business Plan competition. <http://www.cs.uic.edu/~joseph/photos.html>
- **Chairman** of IEEE Students Branch, Viswajyothi College of Engineering & Technology, India in the year, 2006-'07.

References:

Reference will be provided upon request.