

Priya Rajendra Sidhaye

+1 (514) 297-4710 | priya.sidhaye@mail.mcgill.ca
3474, Rue Hutchison, Apt #801, Montreal, QC, H2X 2G7

EDUCATION

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|---|---------------------|
| • McGill University | Montreal, Quebec |
| Master of Science, Computer Science, GPA 3.62 | Sep 2013 – Aug 2015 |
| University of Pune | Pune, India |
| Bachelor of Engineering, Computer Science, GPA 4.0 | Aug 2008 – May 2012 |

EXPERIENCE

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| • McGill University, Teaching Assistant , Montreal QC | Winter and Fall 2014, Winter 2015 |
| ◦ Foundations of Programming: Helped students with the very basic concepts of programming and getting familiar with Java, gave tutorials on concepts including passing variables, referencing, object oriented programming, etc. | |
| • Morgan Stanley, Summer Technology Analyst , Montreal, QC | May 2014 – Aug 2014 |
| ◦ Worked in Perl, building functionality into existing in-house API. | |
| ◦ The part of software that was built handled logging meta-data from requests that enabled analysis to recognize and filter bad requests. | |
| • Geometric Limited, Software Engineer , Pune, India | Nov 2012 – June 2013 |
| ◦ Worked with Product Lifecycle Management Software, Enovia. | |
| ◦ Extensive training and use of Java during the work period. | |
| • CDAC Pune, Research Intern , Pune, India | Aug 2012 – Oct 2012 |
| ◦ Work on studying different types of evaluation for Machine Translation and their relevance specific to Machine Translation for Indian languages. | |
| • Pune University, Undergraduate Research Intern , Pune, India | July 2011 – May 2012 |
| Rule-based Machine Translator for English to Marathi | |
| ◦ Worked on a rule-based Machine Translation system for English to Marathi. The program was able to satisfactorily translate simple sentences and gave grammatically correct Marathi outputs. Project was implemented in Python. | |
| ◦ Publication: "Extending Capabilities of English to Marathi Machine Translator." (2012). | |

MASTER'S THESIS

McGill University, Montreal QC	Sep 2014 - Present
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Parameterized Text Summarization

- Looking for ways to apply Natural Language Generation techniques to Text Summarization. Working towards analyzing a given text based on formality, subjectivity, and summarize it based on input parameters of similar kind. Working on data extracted from Twitter.
- Project is being implemented in Python, and being carried out under the supervision of Prof. Jackie Cheung.

TECHNICAL SKILLS

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- Proficient in Java, C, Python and Basic knowledge of C++, Perl, HTML, SQL.
 - Courses taken: Machine Learning and Applications, Probabilistic Analysis of Algorithms, Network Science.

COURSE PROJECTS

Sentiment Analysis

- Comparison of Sentiment Analysis algorithms, for Machine Learning and Applications.
- Worked with Naïve Bayes, SVMs, CRFs on text data for classifying positive/negative reviews.

Library Management System

- Online system developed using HTML, JavaScript, and MySQL.