

Eva Sharma

177 Huntington Ave
Boston, MA

✉ evasharma@ccs.neu.edu

☎ (607) 379-8985

🌐 <https://www.ccs.neu.edu/home/evasharma/>

RESEARCH INTERESTS

Natural Language Processing (NLP), Text Mining, Machine Learning (ML), Text Summarization

EDUCATION

Northeastern University, Boston, MA

Ph.D., Advisor: Prof. Lu Wang

Computer Science.

Aug 2016 - Present

GPA 4.0 / 4.0

Cornell University, Ithaca, NY

Masters of Engineering,

Computer Science.

Aug 2014 - May 2015

GPA 3.9 / 4.0

Massachusetts Institute of Technology, Cambridge, MA

Bachelors of Technology (Semester Abroad Program),

Electrical Engineering and Computer Science.

Aug 2011 - Jan 2012

GPA 5.0 / 5.0

SRM University, Chennai, TN, India

Bachelors of Technology,

Computer Science (**Gold Medalist**).

Jul 2009 - May 2013

GPA 9.9 / 10.0

PUBLICATIONS

**Mental Health Support and its Relationship to Linguistic Accommodation
in Online Communities**

ACM CHI 2018.

Eva Sharma, Munmun De Choudhury

April 2018

**Detecting Lies: Comparing the Performance of Humans and Computers
Alone and Together**

Conference on Digital Experimentation (CODE@MIT).

Miriam Redi, Luca Aiello, Daniele Quercia

Sebastian Deri, Eva Sharma, Jeremie Rappaz,

Oct 2017

Analyzing Ideological discourse on Social Media: A Case Study of the Abortion Debate

The Computational Social Science Society of the Americas (CSS).

Eva Sharma, Koustuv Saha, Sindhu Kiranmai Ernala, Sucheta Ghoshal, Munmun De Choudhury

Oct 2017

TALKS

• Talk titled “Detecting Lies: humans vs comp” at CODE@MIT ’17, Cambridge, Massachusetts. **Oct 2017**

• Talk titled “Analyzing Ideological Discourse on Social Media: A Case Study of the

Abortion Debate” at CSS ’17, Santa Fe, New Mexico.

Oct 2017

• Talk titled “Visual Wellbeing: Connecting Psychometric Tests with People’s Digital Life”

at PerceptionsScale — Cambridge Science & Spritz vol. 13, Nokia Bell Labs, UK.

Aug 2017

• Talk on our ongoing work on “Social Support in Online Mental Health Communities” at Research Showcase (GVU Demo Days) ’16.

Oct 2016

WORK EXPERIENCE

Bell Labs, Cambridge, UK

Research Intern

• Detecting Deception by combining human intelligence and machine learning

Jun 2017 - Aug 2017

Oracle, Cambridge, MA

Software Developer II

Jul 2015 - Aug 2016

- Implemented Multiple Payment and Address Book Module for Mobile Commerce iOS Application

SAP Labs India Pvt. Ltd. Bangalore, India

Associate Developer

Jul 2013 - Jul 2014

- Worked on Software Logistics Process Repository for Lifecycle Management of SAP Software
- Designed and implemented installation and update feature for HANA Application Lifecycle Management Intern

Feb 2013 - Jun 2013

- Analyzed Customer Profile Data in XML format by automating processing of XMLs and feeding them to HANA database where the data can be later visualized as graphs

TEACHING**Cornell University, Ithaca, NY****Spring 2015**

Teaching Assistant

Prof. Lucja Kot, CS 4320/5320 Introduction to Database System

PAST PROJECTS**Semantic Legal Information System's****Jan 2015 - May 2015****Legal Text Indexing Application***Sara S. Frug, Legal Information Institute, Cornell University*

- Studied and experimented with Topic Modeling for CFR Corpus
- Used metadata from CFR and FR corpus to capture evolution of a topic over time
- Employed incremental modeling and phrase extraction using Mallet

Computing a statistical description of 3-D structure of nano-scale biological objects**Oct 2014 - Dec 2014***Prof. Peter Charles Doerschuk, Cornell University*

- Helped providing python conversion of MATLAB equivalent of fmincon, which solves nonlinear programming problems, fundamentally computing the location of the minimum value of a user-provided function

Sound Source Localization**Sep 2011 - Dec 2011***Massachusetts Institute of Technology**Prof. James R Glass, Spoken Language System Group, CSAIL*

- Studied various techniques being used for 2-D acoustic localization
- Implemented GCC-PHAT method to localize sound using two microphones - MATLAB

ACHIEVEMENTS AND AWARDS

- Undergraduate **Gold Medalist**, Awarded by **The Prime Minister of India**, Mr. Narendra Modi
- Undergraduate **Toppers Scholarship, Perfect GPA of 10.0/10.0 Award** for 3rd, 6th and 8th semesters
- Undergraduate sponsorship for a **semester abroad at Massachusetts Institute of Technology, USA**

EXTRA-CURRICULAR ACTIVITIES

- Presented poster on "Quantifying Well-Being Support to Assess Efficacy of Online Communities" in GVU Fall Research Showcase 2016, Georgia Institute of Technology.
- Presented poster on "Semantic Legal Information Systems Improving Access to Regulatory Information" in BOOM 2015 (BITS ON OUR MINDS), Cornell University.
- Participated in Hadoop Tech Talk conducted at Exebit 2012, IIT Madras.