Narender Gupta

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EDUCATION

University of Illinois at Urbana-Champaign (UIUC), Illinois, USA

Master of Science (M.S.) in Computer Science   Aug 2014 – May 2016
- Advisor: Professor Dan Roth
- Research areas: Machine Learning, Natural Language Processing, Information Networks.
- Research Assistant in Cognitive Computation Lab
- GPA: 3.8/4.0

National Institute of Technology Kurukshetra (NITK), Haryana, India

Bachelor of Technology (B.Tech.) in Computer Engineering   Jul 2007 – May 2011
- Cumulative GPA: 9.12 / 10.00

PUBLICATIONS

1) **Narender Gupta**, Aman Sawhney, and Dan Roth, "Will I Get In? Modeling Graduate Admission Process for American Universities," in *25th International World Wide Web Conference*, Montreal, Canada, Apr 2016. *[Under Review]*

2) **Narender Gupta**, Chinmay Kulkarni, and Aditya Rastogi, "PastFinder: Finding Author History Using Dynamic Collaboration Graph," in *25th International World Wide Web Conference*, Montreal, Canada, Apr 2016. *[Under Review]*

PATENTS

1) Yash Gupta and **Narender Gupta**, "Method and apparatus for preserving fidelity of bounded rich text appearance by maintaining reflow when converting between interactive and flat documents across different environments," *[Pending, USPTO: 14/260,743]*   Apr 2014

BOOKS

1) Co-authored poetry book "A Good Night's Read". *[Serene Woods Publishing]*   Sep 2009

HONORS & AWARDS

1) Xander Masotto, **Narender Gupta**, and Aliya Burkit "Autonomous Algorithm for Determining a Safe Landing Site on a Planetary Surface," in *UIUC NASA Jet Propulsion Laboratory (JPL) Team Space Design Competition*, **Second Prize**   Apr 2015

2) *Prime Minister Merit Scholarship*, India *[Annually]*   2007 – 2011

3) *Education Scholarship Scheme for Army Personnel (ESSA)*, India *[Annually]*   2000 – 2007

PROFESSIONAL AFFILIATIONS

FULL-TIME

1) **Adobe Systems**, Senior Software Developer   Nov 2012 – Jul 2014
- Worked on Adobe Acrobat Reader DC. It included embedding browser framework into desktop application to bring web-like rich user interface, managing different tasks in different processes, and inter-process communication.
- Developed a web application for Salesforce app store which interacted with Adobe PDF web service APIs to create and export PDFs to other document types.
- Worked on web PDF form filling application using image renditions and server side PDF processing.
- Prototyped voice-navigated web-app architecture on the top of existing suit of acrobat.com apps.

2) **Amazon Development Center**, Software Developer   Jul 2011 – Oct 2012
- Worked on vendor facing web application portal to design and implement front-end features.
- Developed web service APIs to perform business logic on the server end. Also worked on integrating front end features with these web services using Amazon's Service Oriented Architecture.
- Implemented web application on the existing suite of internal applications for analysts to collate data from multiple web services and enable them to track payments made to vendors across different systems.

INTERNSHIPS

1) **Google Inc.**, Engineering Intern   Dec 2010 – Feb 2011
- Worked as software engineering intern in Gmail load and performance testing team.
- Developed a latency debugger for Gmail backend which parsed the server logs, analyzed them based on the runtime information attached at multiple levels.
- Researched and worked on Java memory leak debugger for Gmail. It included study of Java garbage collection mechanisms and coming up with the required algorithm, along with implementation.

| **ACADEMIC AFFILIATIONS** | 1) **Research Assistant**, Cognitive Computation Group, UIUC | May 2015 – May 2016 |
| | • Currently working with Graduate Admissions Committee members to automate admission process. | |

2) **Teaching Assistant**, Department of Computer Science, UIUC   Aug 2014 – May 2015
   • Instructed CS125, *Introduction to Computer Science* during Fall '14 and Spring '15.
   • Conducted discussion sections as well as independent seminar, *Debug Your Brain*, during Fall '14.

3) **Student Representative**, Placement Advisory Committee, NITK   Jun 2010 – May 2011
   • Planned and oversaw schedule and operations for company visits for jobs throughout senior year.

SKILLS

Classes Completed:	Machine Learning, Data Mining Principles, Computer Vision, Social Visualization, Seminar in Cognitive Science
Classes Ongoing:	Natural Language Processing, Social & Information Networks
Programming Languages	Python, Java, C++, C, SQL, HTML, JavaScript
Statistical Packages	Matlab, Scikit-Learn, Weka

EXTRA-CURRICULAR

1) Volunteered as *CS Grad Ambassador* for incoming graduate students at UIUC.   2015
2) Volunteer at *Navjyoti India Foundation* for education of underprivileged children.   2013
3) Volunteered for university chapter of *National Service Scheme* at NITK.   2009 – 2011
4) Executive member of *NITK Hindi Literature & Debate Club*.   2009 – 2011
5) Organized annual literary festival *Utkarsh* as member of Hindi society *Anamika*.   2009 – 2011
6) Inter-District Poetry Recital Competition, Third Prize, Kurukshetra, Haryana   Mar 2010
7) Inter-College Declamation Competition, First Prize, NIT Kurukshetra, Haryana   Oct 2009
8) Inter-College Debate Competition, First Prize, NIT Kurukshetra, Haryana   Mar 2009

OTHER DETAILS
   • Languages: English [Fluent: Speaking, Reading, Writing], Hindi [Native]
   • Nationality: Indian
   • Visa Status: F-1 (International Student Visa)

REFERENCES   **Dr. Dan Roth**

Professor, Department of Computer Science and The Beckman Institute

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[*CV compiled on 2015-11-27*]