

DEEKSHA ARYA

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Google Scholar: [Deeksha M. Arya](#)

EDUCATION

McGill University, Montreal, Canada

Ph.D., Computer Science

Eq. GPA: **3.91/4**

Sep 2019 – May 2025 (expected)

- Supervised by Prof. Jin Guo and Prof. Martin Robillard, Software Technology Lab
- Empirical research on understanding how to design software documentation to cater to the varied user information needs and presentation preferences while considering the concerns of documentation creators.

McGill University, Montreal, Canada

M.Sc., Computer Science

Eq. GPA: **3.91/4**

Aug 2017 – Sep 2019

- Supervised by Prof. Jin Guo and Prof. Martin Robillard, Software Technology Lab
- Research on the correspondence of information between API reference documentation and tutorials

M S Ramaiah Institute of Technology, Bangalore, India

B.E., Information Science

Eq. GPA: **9.41/10**

Aug 2010 - Jun 2014

- 1st place (group) in All-India Energy Efficiency competition - Blaze 2013 conducted by Schneider Electric
- Cognizant Certified Student for clearing IT Foundation Skills Assessment
- One among 80 students selected for national-level hackathon: JPMorgan Code for Good Challenge 2013

RELEVANT WORK EXPERIENCE

INFIBEAM.COM (NSI INFINIUM GLOBAL PVT. LTD)

Software Developer

Jun 2014 – Jul 2017

- Automated production environment setup for new servers in the system using Ansible and Docker
- Implemented server log consolidation across multiple servers using Elasticsearch, Logstash and Kibana
- Expanded store-hosting software platform BuildABazaar (BaB) to allow storeowner profiles and private storefronts, including through mobile APIs
- Automated the generation, monitoring and validation of monthly bills generated BaB storeowners

INFIBEAM.COM (NSI INFINIUM GLOBAL PVT. LTD)

Intern

Oct 2013 - May 2014

- Developed an affiliate management system to track and reward affiliates to the BaB platform

ARIEM TECHNOLOGIES PVT. LTD.

Summer Intern

Jun 2013 - Aug 2013

- Implemented an internal user management system

TECHNICAL SKILLS

- **Operating Systems:** Mac OS, Unix, Linux, Windows XP,7,8,10
- **Programming Languages:** C/C++, Java, Ruby, Python, R, HTML/Jade/HTML5, Javascript
- **Frameworks:** Ruby on Rails, NodeJs
- **Automation Tools:** Ansible, Docker
- **Database:** Oracle MySQL, MongoDB, LDAP
- **Search engines:** Solr, Elasticsearch-Logstash-Kibana

CO-CURRICULAR

- Co-founder TowardsAGood (2014-2017) – a monthly social volunteering initiative to support causes including Help the Homeless campaign, teaching English to destitute children, conducting Sign Language workshops
- Learning and performing Bharatanatyam Classical Dance form for over 25 years
 - Awarded Chiguru Award by Bharathiya Vidya Kendra, Bangalore
 - Felicitated by Lions Club – Sundar Nagar

- Passed Junior and Senior level certificate exams conducted by Karnataka State Secondary Education Board
- Performed in over 100 programs in India, United States and Canada
- Learning and Performing of Mohiniattam Classical Dance form for over 10 years
- Knows English, Hindi, Kannada and basic French