

AVINASH BHAT

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Education

Doctor of Philosophy, Computer Science,
McGill University, Montreal, Canada
Advisor: Dr. Jin Guo

Ongoing

Master of Science (Thesis), Computer Science,
McGill University, Montreal, Canada
Thesis: Designing Effective LLM Based Tools for Writing Software Tutorials
Advisor: Dr. Jin Guo

2021 - 2023

Bachelor of Engineering, Computer Science and Engineering,
National Institute of Engineering, Mysuru, India
Final Project: WikiContext: Summarized annotation of Wikipedia articles
Advisor: Dr. Anitha C

2014 - 2018

Publications

Approach Intelligent Writing Assistants Usability with Seven Stages of Action (In2Writing2023)
Avinash Bhat, Disha Shrivastava, Jin L.C. Guo

SUMMIT: Scaffolding Open Source Software Issue Discussion through Summarization (CSCW2023)
Saskia Gilmer, Avinash Bhat, Shuvam Shah, Kevin Cherry, Jinghui Cheng, Jin L.C. Guo.

Aspirations and Practice of Model Documentation: Moving the Needle with Nudging and Traceability (SIGCHI2023)
Avinash Bhat*, Austin Coursey*, Grace Hu, Sixian Li, Nadia Nahar, Shurui Zhou, Christian Kästner, Jin L.C. GUO. *Equal Contribution

A Novel Deterministic Framework for Non-probabilistic Recommender Systems (IEMIS2018)
Avinash Bhat*, Divya Madhav Kamath*, and C. Anitha. *Equal Contribution

Industry

Software Engineer (G4, G6), Cisco System India *July 2018 - July 2021*
Peer Review Request Queue, A code and document review tool used by more than 10k developers in Cisco.
Macrosensing, Aiding Cisco Supply Chain decisions using earnings call transcripts and aggregated news data.
HealthWatch, A framework for monitoring the application logs and piping the alerts to Cisco WebEx Teams.

Intern, Cisco Systems India	<i>January 2018 - June 2018</i>
Intern, HexOctane	<i>September 2017 - December 2017</i>
Placement Coordinator, National Institute of Engineering	<i>April 2017 - December 2017</i>
Intern, Compiler Tree Technologies	<i>June 2017, June - July 2016</i>
Intern, RoboKraft Technologies (now LogicHive)	<i>June 2015 - September 2015</i>

Teaching

Software Design	<i>Winter 2022, 2023, Fall 2023</i>
Principles of Web Development	<i>Fall 2022</i>
Introduction to Computer Science	<i>Fall 2021</i>

Skills

Languages: Python, Java, JavaScript, SQL

Libraries/Frameworks: PyTorch, Keras, Flask, Django, Spring Boot, Hibernate, React, Node JS, Docker, Snowflake, Oracle 11g, Firebase

Miscellaneous

PGSS Councillor, Computer Science Graduate Society, McGill University

VP Communications, PGSS Councillor, Computer Science Graduate Society, McGill University

Volunteer, Suicide Prevention, The Erika Legacy Foundation

Speaker, Induction Event, for CSE Class of 2023, National Institute of Engineering

Student Mentor, CSE Class of 2021, National Institute of Engineering