

# AVINASH BHAT

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## Education

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

**Master of Science (Thesis)**, Computer Science, *2021 - 2023*  
McGill University, Montreal, Canada  
Thesis: Designing Effective LLM Based Tools for Writing Software Tutorials  
Advisor: Dr. Jin Guo

**Bachelor of Engineering**, Computer Science and Engineering, *2014 - 2018*  
National Institute of Engineering, Mysuru, India  
Project: WikiContext: Summarized annotation of Wikipedia articles  
Advisor: Dr. Anitha C

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## 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

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## Industry

**Software Engineer (G4, G6), Cisco System India** *July 2018 - July 2021*  
Redesign, development and maintenance of a code and document review tool used by more than 10k developers at Cisco. Additionally, designed and led the development of several internal tools.

**Intern, Cisco Systems India** *January 2018 - June 2018*

**Intern, HexOctane** *September 2017 - December 2017*

**Placement Coordinator, National Institute of Engineering** *April 2017 - December 2017*

**Intern, Compiler Tree Technologies** *June - July 2016, June 2017*

Intern, RoboKraft Technologies (now LogicHive)

*June 2015 - September 2015*

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## **Teaching**

Software Design

*Winters 2022, 2023; Fall 2023*

Principles of Web Development

*Fall 2022*

Introduction to Computer Science

*Fall 2021*

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## **Skills**

**Languages:** Python, Java, JavaScript, SQL

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

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## **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