Manaal Faruqui

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Experience

Google Gemini   New York City
Senior Staff Research Scientist, Manager   2023 - Present
- Co-lead of the core modeling team; managing a team of 14 software engineers and research scientists.
- Working on producing high quality post-training finetuning data for Gemini across workstreams.
- Overall lead of the instruction following, and reasoning pillars; Tech-lead of factuality, and safety pillars.
- Post-training recipe optimization, and evaluation.

Google Assistant   New York City
Staff Research Scientist, Manager   2021 - 2023
- Managed a team of 5 software engineers and research scientists.
- Made interactions with Assistant more natural wherein the users and assistant can interrupt each other.
- Launched the best NLU models on TPU chips in Pixel phones.

Google Assistant   New York City
Senior Research Scientist   2018 - 2021
- Brought speech signals from ASR to NLU for end to end optimization of losses for Google Assistant
- Improved NLU for noisy user queries including disfluencies.

Google Research   New York City
Research Scientist   2016 - 2018
- Worked on understanding language structure through edits made by users on Wikipedia.
- Improved the quality of "People also ask" questions on Google search.

Education

Carnegie Mellon University   Pittsburgh, PA
PhD, Computer Science.   2012 - 2016
Thesis: Diverse Context for Learning Word Representations

Indian Institute of Technology Kharagpur   Kharagpur, India
B.Tech & M.Tech (Hons.) in Computer Science   2007 - 2012

Relevant Information

Publications: My most recent publications and patents can be found on Google Scholar.
Book: Cross-Lingual Word Embeddings, Synthesis Lectures on HLT, Morgan & Claypool Publishers, 2019.
Awards: Best Paper Award at NAACL 2015 for Retrofitting Word Vectors to Semantic Lexicons.
Service: Senior Area Chair and Area Chair at ACL, ICLR, EACL, NAACL, EMNLP through the years.