Cura Te Ipsum: Health Search at Google

By

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Date: 19 July 2017 (Wednesday)
Time: 4:00pm
Venue: LT-F (Lift 25-26)

Abstract
Approximately one percent of all Google searches are symptom-related, as users are conducting online research on pertinent medical conditions. In this talk, he will discuss the recently launched symptom search experience on Google. We use machine learning methods to identify queries with condition-seeking intent. We extract relevant health conditions by analyzing the web search results as well as by consulting the Knowledge Graph. Finally, we learn a ranker for ordering the list of relevant conditions, and evaluate the system performance with medical doctors.

Speaker’s Profile
Dr. Evgeniy Gabrilovich is a senior staff research scientist at Google, where he works on improving healthcare. Prior to joining Google in 2012, he was a director of research and head of the natural language processing and information retrieval group at Yahoo! Research. Evgeniy is an ACM Distinguished Scientist, and is a recipient of the 2014 IJCAI-JAIR Best Paper Prize. He is also a recipient of the 2010 Karen Sparck Jones Award for his contributions to natural language processing and information retrieval. Evgeniy has served as a program chair for WWW 2017 and WSDM 2015. He earned his PhD in computer science from the Technion - Israel Institute of Technology. Recently, he graduated (with extra credit) from the Executive MD training program at Harvard Medical School.

All are Welcome!

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