Professor. Reza Haffari
Department of Data Science & AI
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Biography

Reza's work is focused on Artificial Intelligence (AI), particularly in low-level perception and high-level reasoning under uncertainty, mainly from text and potentially from other data modalities such as vision and speech. His research tackles problems such as:

Understanding and generating natural language text eg translating documents from one language to another while keeping the document's coherency/semantics intact.

Effective training of deep neural networks with minimal human supervision as this powerful technology is data hungry, eg through interaction with human to achieve effective lifelong learning.

Explaining the outcome of black-box computational models in order to make them trustable in critical decision making scenarios such as digital health.

Qualifications

Computer Science, Doctor of Philosophy, Simon Fraser University
Award Date: 26 Feb 2010

Artificial Intelligence, Master of Science, Sharif University of Technology
Award Date: 31 Aug 2002

Software Engineering, Bachelor of Science, Sharif University of Technology
Award Date: 31 Aug 2000