

The tao of knowledge: the journey vs the goal

by

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Abstract

A PhD requires the mastery, and development of a passion for knowledge. It may begin with the choice of some topic of interest, but then develops into a journey of discovery and knowledge creation, often without end, as one transitions to academia. This talk will discuss the journey, focusing on the methods we use when we create knowledge, and argues how the areas of knowledge engineering and knowledge acquisition lie within the intersection between computer science and computer art. The challenge throughout is to re-think methods of scientific discovery; create novel approaches, or adapt ideas from other disciplines, whilst making the case for a more systematic and rigorous way of evaluating the results of our investigations.