

Age: 32 * **Education:** Study of Technical Mathematics



COMPUTER EXPERTISE



MEDICAL LITERACY



skill scale from 0 (Fundamental Awareness) to 10 (Expert)



SKILLS & KNOWLEDGE

mathematics analytical thinking data science
computer programming problem solving
presentation ambition creativity curiosity



MOTIVATIONS

appreciated research field at forefront of technology
exciting new challenges rejoice in solving "puzzles"
creating meaningful applications



FRUSTRATIONS

lack of time for research lack of data
effort not appreciated by others
lack of computational resources
people expect AI solving problems magically



VALUES & ASPIRATIONS

get recognised by AI research community
acquire skills & knowledge in interesting fields



PERSONALITY AND BEHAVIOUR

When he was a little boy, Joe's intrinsic curiosity and spirit of research led him to dismantle his toys to discover the mechanisms underlying their functionality. Now, as a grown-up, Joe still tries to get to the bottom of any (technical) problem. However, now he uses his talent for analytical thinking rather than his hands for problem solving, but he can still use his crafting abilities for his hobby of building model aircrafts. Joe loves challenges and is always up to new adventures. That's why he decided to leave his country and do his PhD abroad.



OCCUPATION

After finishing his study of technical mathematics, Joe was searching for new intellectual challenges and became a research assistant at a university institute for Artificial Intelligence. Joe enjoys working in an international team at the forefront of technological progress. For his PhD, Joe is currently developing an algorithm that should automatically localise and count mitoses in Whole Slide Images. His research tasks include developing and implementing algorithms, training models from scratch as well as building datasets for training and testing these models. In addition to these technical research tasks, Joe needs to write papers to publish the results of his research, and he needs to write his PhD thesis. However, as a research assistant at the university Joe must also write project applications to gain funding, do project work and participate in many meetings.



OBJECTIVES AND GOALS

Joe aims to finish his PhD work as soon as possible. Then he wants to find a job, where he can become a successful and acknowledged AI researcher. He hopes that his work will have an impact and that he can contribute to solve human problems.



ATTITUDES TOWARDS AI

Joe is happy to work in such an interesting research field. He thinks that AI offers a lot of innovation potential for all sectors and will eventually bring about a revolution in medicine.