

# Motivation letter

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**Mohamed Ayssar Benelhedi**

Adalbertsteinweg 167

52066 Aachen

☎ +46 15753239101

✉ med.ayssar@gmail.com

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Prof. Dr. Dr. Thomas Lippert  
Forschungszentrum Jülich GmbH  
Institute for Advanced Simulation (IAS)  
Jülich Supercomputing Centre (JSC)  
Wilhelm-Johnen-Straße  
52425 Jülich

## **Student assistant position for Simulation and Data Laboratory Neuroscience**

Dear Prof. Dr. Dr. Lippert,

As I am approaching the final phase of my master study, I had the thought of looking for a new student assistant job that would put me on the right path finding an interesting master thesis project. In the last semester, I had a seminar about neuro-inspired computing lead by Prof. Dr. Abigail Morrison. There comes the discovery of neuroscience, its strong relation to computer science and the great contribution that one could make to the humankind. Demystifying the mechanics of the brain and unveiling its secrets may lead us to understanding the source of consciousness and perhaps taking a high-resolution snapshot of the neurons responsible for generating our thoughts, dreams and even controlling them.

I have always been fascinated by the impact of math in our life and having obtained a good respectful background in both fields of math and computer science and having the strong motivation to be an active member in the science community, I find myself willing and able to contribute to both fields.

During my study at RWTH and my first experience in Fraunhofer IPT, I have managed to improve myself in both soft/hard-skills and I strongly believe that with a certain level of motivation, determination and experience in computer science and software development we can take the humanity to the next level. Therefore, I think as a master student in computer science at RWTH that *SimLab Neuroscience* would be the next interesting path in my academic and professional career.

I hope to be given the opportunity, as I am confident that I am capable of meeting and possibly even exceed your expectations.

Thank you for considering my application.

**Mohamed Ayssar Benelhedi**