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LETTER OF SUPPORT

I am writing this letter of support for Lakshay Khurana as his former lecturer of the course “Signal Processing and Analysis of Brain Signals” at the Technical Faculty of the University of Freiburg and as his supervisor for an internship at the Epilepsy Center, Freiburg University Hospital, in Freiburg, Germany. I have an affiliation at the Epilepsy Center, Medical Center – University of Freiburg, as a chief engineer and am lecturing at the Technical Faculty of the University of Freiburg. I am the principal investigator of two projects of the cluster of now excellence BrainLinks BrainTools at the University of Freiburg, which finished at the end of 2018.

Lakshay was an enthusiastic participant in my course and during his oral examination, he showed a deep understanding of all topics of the course. He could respond convincingly in his own words with a deep understanding all questions during the examination. His performance can be rated as belonging to the upper 10% of all students of the course.

During his three-month internship at the Epilepsy Center, he is implementing an automatic detector of epileptic seizures using a reduced electrode set as proposed for several devices for mobile home recordings of EEG signals in epilepsy patients. He is working autonomously, determined, proactively and is achieved substantial progress in his task. He can clearly communicate about his work and is able to report results in a clear and well-structured



manner. He is not only interested in and motivated to learn the existing methods, but he also puts great effort into developing his own ideas.

At a personal level, Lakshay is a well-disciplined, considerate and industrious person with a pleasant personality. I would expect him to perform well in a wide range of environments.

I can certainly recommend him for an academic career and a PhD student position. He would be an extremely positive asset to your institute. Please do not hesitate to contact me with any further questions.

Sincere regards,

Matthias Dümpelmann