



Klinikum der Universität München - Klinik und Poliklinik für Psychiatrie und Psychotherapie  
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Munich 11th Nov 2021

## Re: reference letter for Sven Günther

Dear Sir / Madam,

Sven joined the Neurodiagnostic Applications lab (PI: Prof. Nikolaos Koutsouleris, LMU, Munich) between the 01.04.2021-31.07.2021. He immediately struck me as a capable, professional, and intelligent worker who was willing to do the extra work in order to achieve his clearly stated and pursued goals. Such initiative was evidenced clearly by his desire to work for us as a volunteer data scientist without salary, which is a degree of dedication that I have found is rare in Germany.

Our lab is primarily involved in trying to create statistical tools to help clinicians make better diagnostic, prognostic, and treatment decisions. Towards this end, we are involved in multiple large-scale international projects that aim to collect and combine data from different sources. Sven provided invaluable help on two of these projects (PRONIA/HARMONY), which included the following abilities:

- Automation of data processing using Matlab and Python
- Automation of data translation between research projects
- Pre-processing of large datasets
- Data visualization
- Data analysis and set-up of machine learning pipelines using Neurominer
- Presentation of study results to the research group

Sven demonstrated excellent motivation and fulfilled all tasks with great care. The quality of his work is evidenced by a co-authorship on an upcoming research paper investigating the effect of psychotherapy on the functional outcome and risk of transition in patients at high risk of developing psychosis. His initiative, flexibility, and confidence are also evidenced by his acceptance into a competitive engineering course despite his background in psychology.

The combination of Sven's technical skills with a highly developed sense of social fairness, desire to help those suffering from psychiatric disorders, and confidence in getting the job done will undoubtedly create a successful and fulfilling career path that I unreservedly support.

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Direktor der Klinik: Prof. Dr. med. Peter Falkai

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Pflegedirektor: Marcus Huppertz, Vertreter der Medizinischen Fakultät: Prof. Dr. med. dent. Reinhard Hickel (Dekan)  
Institutionskennzeichen: 260 914 050, Umsatzsteuer-Identifikationsnummer gemäß §27a Umsatzsteuergesetz: DE813536017

Yours sincerely,

Dr. Dominic Dwyer  
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