



DEI
DIPARTIMENTO DI
INGEGNERIA DELL'INFORMAZIONE



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

via Gradenigo, 6/B
35131 Padova, Italy
tel +39 049 8277600
fax +39 049 8277699
info@dei.unipd.it
www.dei.unipd.it

CF 80006480281
P.IVA 00742430283

From: Tomaso Erseghe
Associate Professor

tel: +39 049 827 7656
email: tomaso.erseghe@unipd.it

SUBJECT: Letter of recommendation for Ali Aghababaei

To whom it is concerned,

it is my pleasure to write this letter of recommendation for Ali Aghababaei.

I know Ali since October 2022 when he attended the Network science course given at the Master Degree in ICT for Internet and multimedia Engineering. In the Network Science course students are faced with both theoretical aspects (linear algebra properties leading to PageRank or community detection algorithms), as well as for their ability to apply the concepts learned in a practical context (Python implementation of network analytics).

After that, since March 2024 I am Ali's supervisor for his thesis work concerning natural language processing analysis and, more specifically, the role of the integrated gradient technique for explainability purposes in connection with the identification of relevant socio-psychological markers, a joint work in collaboration with the psychology department in Padova and in SWPS, Warsaw.

I have to say that Ali showed an extraordinary motivation, he proved to be perfectly fit to team working, even in an interdisciplinary environment, he solved all the issues he was faced with, and provided excellent results. He proved to be a bright researcher, capable of reading the literature and identifying relevant tools, capable of implementing them and of properly measuring their effectiveness, through methods wisely selected from the most relevant state-of-the-art proposals or, where needed, through independent ideas. He is a very committed and trustworthy person, independent and determined. He has wide knowledge in programming, and the capability of always knowing what he is doing. We are now finalizing Ali's work into a journal paper that will be submitted in the next month to one of the best venues for possible publication.

I believe that Ali has all the knowledge, skills and determination to obtain significant results in both practical and theoretical aspects of data science, computer science, engineering, and applied sciences in general, that require technical as well as interdisciplinary and interrelation capabilities, as he is very flexible and competent. Ali's attitude makes him perfectly fit for any working environment, academia or company, and he would also be perfectly suited for a PhD experience. In conclusion, I am really enthusiastic about Ali's capabilities, and would strongly suggest hiring him.

Sincerely,

Tomaso Erseghe



Padova, Jan 27, 2025