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To whomsoever it may concern

January 5, 2024

I am writing to recommend **Puneet Walia**. Puneet completed a project titled "*Employee perceptions of HR's utilization of AI software*" for my research centre. The project required Puneet to work with Python and a host of its libraries to download data from LinkedIn using its API and perform text analytics on the downloaded data. His project required him to perform data cleaning and organization as well as performing text mining of the data. In the course of the project, Puneet also developed web scraping tools and data analysis functions for handling dirty text. The project was very useful and is being further built for a publication. Puneet showed immense skill and great temperament during the course of the project. He learnt new skills quickly and performed tasks faster than expected. He was always diligent and took care of finer nuances that might otherwise have been lost.

As director of a program and director of research centre, I have come across numerous candidates who have worked with me and done research assistantships for me. Puneet would rank at the top of the list for his skill, humbleness and willingness to learn. I am sure he would do great in any data science related job or in higher studies in this field. I wish him all the best and recommend him to you without any reservations.

Please feel free to contact me in further details are required (akjha@tcd.ie).

Thanks and Regards

Dr. Ashish Kumar Jha Associate Professor, Business Analytics

TRINITY BUSINESS SCHOOL UNIVERSITY OF DUBLIN TRINITY COLLEGE DUBLIN 2, IRELAND

Scoil Ghnó Coláiste na Tríonóide, Dámh na nEalaíon, na nDaonnachtaí agus na nEolaíochtaí Sóisialta, Áras an Phiarsaigh, Coláiste na Tríonóide, Baile Átha Cliath 2, Éire. Trinity Business School Faculty of Arts, Humanities and Social Sciences, Áras an Phiarsaigh, Trinity College, Dublin 2, Ireland +353 1 896 2707 business@tcd.ie www.tcd.ie/business

The Open University



Walton Hall Milton Keynes United Kingdom MK7 6AA

5 March 2024

To Whom It May Concern:

I am writing this letter to recommend Mr. Puneet Walia for any position that requires skills and knowledge in web crawling, information extraction, software development, and knowledge graph integration. Mr. Walia joined my team, at the Knowledge Media Institute of the Open University, for a six months (from September 2023 to February 2024), while studying at Guru Nanak Dev Engineering College.

Mr. Walia's project involved developing a web crawler for extracting information about conference proceedings from the IEEE Digital Library. The extracted information was then used to enrich the AIDA knowledge graph, a large-scale semantic network of scholarly data, to support downstream applications for analysing the scholarly domain. Mr. Walia demonstrated exceptional abilities and creativity in designing, implementing, and evaluating the web crawler, as well as overcoming challenges associated with IP blocking. He also showed excellent communication and collaboration skills, as he regularly reported on his progress, shared his insights and challenges, and contributed to the overall goals and vision of the team.

Mr. Walia is a talented and motivated individual who can handle complex and diverse tasks with ease and efficiency. Throughout this experience, he has developed a strong background in web crawling, information extraction, and knowledge graph integration, as well as software engineering. He is always eager to learn new things and explore new possibilities. Moreover, he is also a friendly and respectful person who can work well with others and adapt to different situations and environments.

I highly recommend Mr. Walia for any position that requires his skills and knowledge. He will be a valuable asset to your organization. Please feel free to contact me if you have any questions or need more information.

Yours Sincerely,

Angelo Salatino Research Fellow and Associate Lecturer angelo.salatino@open.ac.uk

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Ref. No. IT LOR 4390

Dated 14 07 2023

Letter of Recommendation

I am delighted to write this reference in favor of Mr. Puneet Walia, University Roll No. 2104550, an undergraduate student of the Department of Information Technology. I am writing to recommend him for your volunteer program. I am a professor of Information Technology at Guru Nanak Dev Engineering College and I specialize in Machine Learning. Puneet Walia has been my student for 2 years.

As a student, Puneet always possessed a curious mind and was eager to learn. During his time in my class, he worked on various projects where he conducted research on Machine Learning and Deep Learning. His grades on all these projects were outstanding, as his assignments were well-researched, well-structured and offered brilliant insights. One example is his project about "Parkinson Detection" using Machine learning.

I've always put a premium on initiative and hard work among my students and Puneet never failed to deliver. An example was when he and a couple of other students organized peer to peer learning sessions with different students. In these open sessions, any student could join and learn.

Puneet is intelligent, hardworking and has a great passion for the field of Information Technology. I wouldn't hesitate to collaborate with him in an academic capacity.

Should you have any further questions about him, feel free to reach me at +91 9876150140.

Thanks,

Dr. Sandeep Kumar Singla Assistant Professor Department of Information Technology Guru Nanak Dev Engineering College, Gill Park, Ludhiana, 141006 Punjab, India Email: <u>sandeepsingla@gndec.ac.in</u> Contact: +91 9876150140

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