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Dear sir/madam,

I am writing to recommend Miss Ng Hui Yi, Nicole, to your organization.

From Jan. to Jun. 2016, Nicole worked as an intern in DataSpark Pte. Ltd. Singtel Group, under my supervision.

For her first assignment, Nicole developed an automated data validation and regularization framework in Python. In order to develop this system, she quickly learned and applied techniques such as regular expression, web API invocation, as well as exception handling. Nicole completed the assignment in very short time with good quality. This system is now used to automate the ingestion and correction of a range of third-party data sources.

After finishing her first assignment with good quality, Nicole proactively asked for more challenging problems for the rest of the internship. So I gave her a practical data science problem of extracting mobility insights from telco datasets. For this assignment, she self-studied important machine learning techniques, such as DBSCAN, and applied them to the solution of the problem. She managed to derive satisfactory insights from a huge and noisy dataset, and also visualize them with tools such as QGIS and Tableau. Her work in this area has helped the team to extend our understanding and capability in the mobility domain.

Overall, Nicole is a very driven individual with great attitude towards work and huge appetite to learn. She listens to instruction and suggestions attentively, works on her assignment with dedication, and often comes out with solutions independently through self-learning. I believe she will become a great addition to your organization!

Sincerely Yours,



Jin Yunye  
Senior Data Scientist  
DataSpark Pte. Ltd, Singtel Group

