



SECRETARIA DE ESTADO DA SAÚDE
INSTITUTO BUTANTAN
Laboratório Especial de Toxinologia Aplicada



São Paulo, March 1, 2016.

To whom it may concern,

I supervised Gustavo Estrela de Matos during an undergraduate research project from January 1 to July 31, 2015. To carry out this project, he was granted with a scholarship from the São Paulo State Research Foundation (FAPESP). In this project, we investigated the usage of Reduced and Ordered Binary Decision Diagrams (ROBDDs) as a data structure to represent the search space during the execution of an algorithm to tackle the U-curve optimization problem – this problem is relevant to model the feature selection problem in the context of Machine Learning.

Apart from a very good academic performance, with high grades only, Gustavo also excelled during the execution of his research project; for instance, he always accomplished his weekly tasks and was very punctual to our meetings. Moreover, he worked quite independently in operational issues (e.g., solving program bugs or even making some implementation decisions during the coding of an algorithm), saving our meetings only to discuss high-level algorithm matters. Therefore, taking these observations together, I strongly recommend Gustavo for an undergraduate internship in your institution.

Sincerely,

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