UFMG - ICEx
DEPARTAMENTO DE CIÊNCIA DA
COMPUTAÇÃO

Recommendation Letter

Belo Horizonte, october 15th, 2021

Dear Sir,

It is a great pleasure to recommend Mr. Lucas Assunção. He was a Master's Student of the Postgraduate Course in Computer Science and a Doctoral Student of the Postgraduate Course in Production Engineering, both at the Federal University of Minas Gerais, Belo Horizonte, Brazil. I was his teacher and advisor, and I have known the candidate since 2013. He is one of the most outstanding students I have met in my 30 years of teaching and research. I taught Lucas in Linear and Convex Optimization and Integer Programming. In 2015, he started his doctorate and I advised him on the Steiner Team Orienteering problem, completed in 2019. His doctoral thesis was especially impressive. During this period, between 2016 and 2017, he also worked on a solution and implementation proposal for a specific application of tree pruning planning to minimize interference in electricity transmission lines, for a Brazilian company.

Mr. Assunção is perceptive and has great aptitude for math and science. He has the skills and potential to carry out advanced studies and research in computing and optimization. We work together on combinatorial optimization problems and exact algorithms and heuristics. He reads, writes and communicates very fluently in the English language and has attributes such as motivation, intellect, maturity, creativity and excellent background.

Mr. Assunção's personal qualities are as high as his intellectual achievements. He is an excellent researcher and has my highest recommendation for admission to his laboratory and project. Please don't hesitate to contact me at mateus@dcc.ufmg.br if you have any questions.

Sincerely,

Geraldo Robson Mateus, D.Sc.
Full Professor
Federal University of Minas Gerais
Computer Science Department
Belo Horizonte – MG - Brazil