ALEXIS FRAUDITA

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COVERING LETTER

Tom Simons.
Head of Talent Acquisition.
DeepMind Technologies Ltd.
Kings Cross, London
London N1C4AG, GB
Re: Suitability for Software Engineer Intern

Dear Mr Tom.

I am elated to submit my application for the Software Engineer internship Program at Deepmind Technologies, in response to the job opening posted on yours Webpage. I am undergraduate Electrical Engineer Student, in my final year of study doing my on thesis in Reinforcement Learning applied to Robotic Manipulation, and also Assistant Professor of the Digital Systems and Microprocessors classes, and I believe I will be a worthy asset to your team.

During my career at Central University of Venezuela, I have completed a great deal of coursework, including Linear systems analysis, Probability and control theory, where I learned the fundamentals of control systems and design of digital systems for applications like DC motor control. In addition, I did several projects using the Python language , including my Bachelor thesis where I have been learning about deep learning, Robot simulation with Mujoco and Reinforcement Learning applied to the control of the Robot arm articulation for develop a framework for building smart controllers in robot manipulators. Also currently, I am the Assistant Professor of the Digital Systems and Microprocessors subjects, where I take care of the laboratories, teaching the students in the management of microcontrollers and design of digital systems and researching and developing new tools for these Labs like an interface for the creation of logic circuits using a microcontroller. Finally, as extracurricular practices, I have been working as full-stack Software Developer with different groups in freelancers and a startup call Swim(https://swimapp.io/) where is an Ios app to connect places to the digital world and create networks for students from NYU and Columbia to interact in the real world.

Deepmind has always inspired me with big breakthroughs like Alphafold, Alphago, fusion control systems and robotics research, to continue learning about Artificial Intelligence with the objective to help humanity and improve scientific discoveries. I believe I would make an excellent addition to your team, and this internship would help me grow my real-world experience in the AI industry and help me further develop and refine my research and development skills.

I look forward to hearing from you!

Sincerely,
Alexis Fraudita