Meriam DHOUIBI

PhD student in Electrical Engineering

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Tunisian American Enterprise Fund
Immeuble Zénith, Avenue de la
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December 29, 2018

Dear Selection Committee,

I am writing to apply for the MooMe's internship position "Data Science and Modelling Assistant" that was listed in your website "http://fellows.taefund.org".

As it involves Automatic Learning Algorithms, Neural Networks and Data Processing, the topic of this position is highly relevant to my research field. I am a PhD student at the department of Electrical Engineering at the National Engineering School of Carthage (ENICarthage). My research work at the Advanced Systems Lab (LSA) in Tunisia Polytechnic School (EPT) focuses on deep learning and its implementation on boards based on FPGA or Soc supporting parallel architectures. Recently, we have been working on modeling the human behavior using Convolutional Neural Networks (CNNs) and the well-known database, "Kasteren". For my master's graduate project, I worked on an artificial neural network to model the handwriting system.

In addition, my past experience as a project manager at NEXTGEN Corp, and a researcher at the Laboratory of Automatic Research (LA.RA) INIT, allowed me to develop a strong grasp of the technical aspects of my field of research.

Indeed, I am very interested in your position that fits me perfectly. I worked in the fields of e-health and Artificial Intelligence with an entrepreneurial experience in Esprit incubator, through which I gained a comprehensive understanding of the full lifecycle for MooMe's project. It will also be a privilege to validate my research work on concrete application and valorize the results obtained at the technological and industrial level.

This experience would be exceptional, not only in terms of academic and practical content, but also at the level of experience-sharing. Because of my academic and professional experience, as well as current research focus, I believe that I would be an asset your program. This internship would provide me with the ideal opportunity to assist your organization and to expand my research skills.

Thank you very much for considering my request.

Sincerely,

Meriam DHOUIBI

PhD Student