Gabriele Spina
Nieuwstraat 29
Eindhoven 5611DA, The Netherlands

January 06, 2016

Dear Foad:

It is with great interest that I am forwarding my resume to you for the position "Junior Researcher for image processing and augmented reality".

I graduated in Biomedical Engineering with honors with a thesis focused on developing and implementing on the the iCub robot an active vision system that autonomously explores its environment and learns object representations without any human assistance. In this context I developed C++ programming skills applied to image processing for real time application and knowledge of OpenCV. I admit that by know I may be a little rusty, but I believe that programming is like cycling: you never forget it. You can have a look at my work using the following link: https://sites.google.com/site/gabbospina/let-it-learn.

Currently, I am a last year Ph.D. student at Philips Research (Smart Professional Spaces group) and at the department of Signal Processing Systems of TU/e. My contract ends in January 2016 and my Ph.D. defense is planned in June 2016.

My Ph.D. was part of the successfully completed Philips Project iCare4COPD under Contract PNE101005. My research focuses on investigate and further developed signal processing and machine learning methods to derive patient characteristics and behavioral patterns. The extracted information can be used to obtain new markers of patient's improvements and as input of innovative and adaptive coaching systems.

Moreover, I contributed to the Philips Intellectual Property with innovative ideas among which: one was selected as first Runner up at Philips Sleep and Respiratory Care's first Creative Playground and three were filed as patents. Another patent filing is in progress.

After this experience I would like to come back to the computer vision/image processing field that I find very interesting. My belief is that I could make significant contributions to the current and future projects and that my education and abilities will be employed to their full potential in this position.

I have enclosed my resume for your review. I look forward to hearing from you.

Sincerely,

Gabriele Spina