Felipe Torres Figueroa

Web Page: ftorres11.github.io
E-mail: felitf.94@gmail.com
Phone: +57 317 298 38 21

Education

École Centrale Marseille
PhD in Applied Mathematics
Expected: October 2023
Advisor: Ronan Sicre

Universidad de los Andes
M.S. in Biomedical Engineering
October 2020
Advisor: Pablo Arbeláez

Universidad de los Andes
B.E. in Biomedical Engineering
March 2018

Experience

PhD Candidate — École Centrale Marseille
October 2020 - Until Date — Marseille, France
PhD theses in neural networks interpretable recognizing.

Research Assistant — Universidad de los Andes
January 2018- March 2020 — Bogotá, Colombia
I was a lead on the project on Bone Age Assessment, I developed the method alongside my peers, we also contributed on the writing of the listed papers.

Undergraduate Research Assistant — Universidad de los Andes
January 2016-December 2017 — Bogotá, Colombia
This was the initial phase of the project on Bone Age Assessment, I was on charge of finding funding for the project and developing the first approaches.

Select Conference Publications

1. A. Ospina, F. Torres. Countor: Count without bells and whistles. Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops. 2020.
2. M. C. Escobar, C. I. González, F. Torres, L. Daza, G. Triana, P. Arbeláez. Hand Pose Estimation for Pediatric Bone Age Assessment. International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI). 2019.
3. F. Torres, C. I. González, M. C. Escobar, L. Daza, G Triana, P. Arbeláez. An Empirical Study on Global Bone Age Assessment. 15^{th} International Conference on Medical Information Processing and Analysis (SIPAIM). 2019.
4. A. Suarez, F. Torres, L. Bocanegra, D. Garcia, J.C. Cruz, C. Muñoz. Paracrine Response of MSCs on 3d SIS Scaffolds: Assessment By a Wound Healing Assay. 8^{th} International Conference on Bioengineering and Nanotechnology. 2019.

Skills

Operating Systems Linux, Windows.
Programming Languages: Python, R, Bash, Matlab, HTML, Java, CSS.
Machine Learning Frameworks: Pytorch, Tensorflow, Caffe, Matconvnet.

Languages

Spanish Native speaker.
English Read, Write, Talk. B2 vantage.
French Basic level.