Julia – Advanced Medical Image Processing w.r.t COVID-19 Chest X-Rays/Dataset -> An interesting introduction to Julia based Medical Image Processing with Machine Learning.

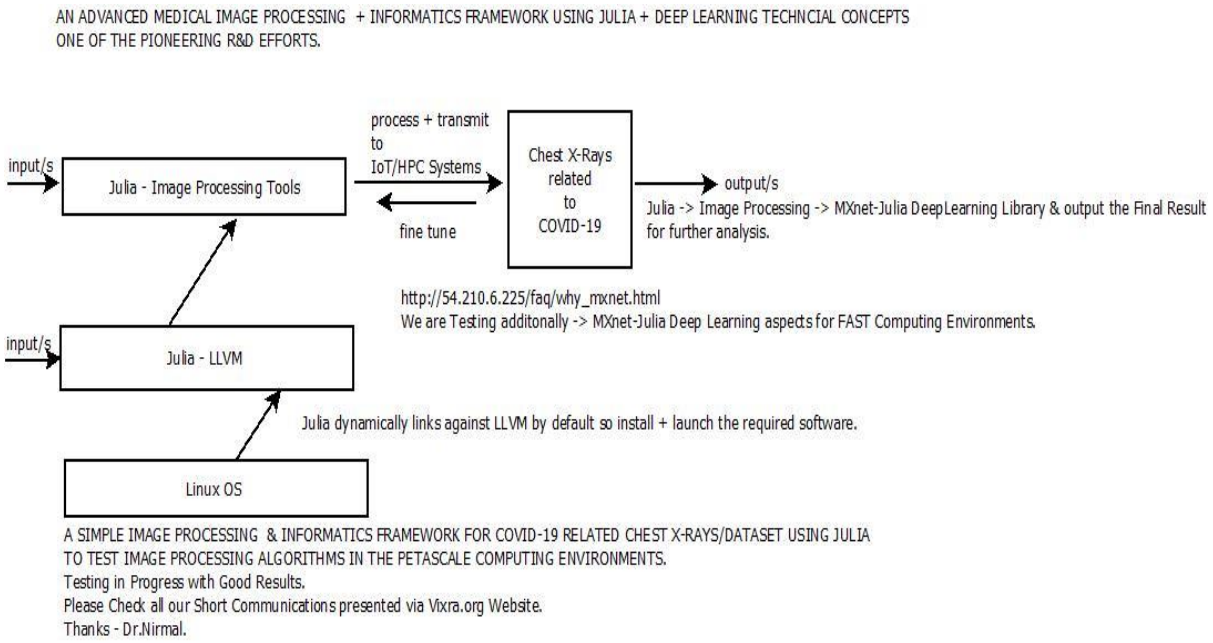
[Exploring PETASCALE Computing Using Julia in the Context of CORONA VIRUS Related R&D involving Chest X-Rays]

Nirmal

Current Member ante Inst UTD Dallas,TX,USA.

Contact_info hmfg2014@gmail.com

[I] Informatics R&D Framework :



[Figure I – Image Processing Algorithm I]

Non-profit R&D Only. Thanks to all my Mentors + Friends + Collaborators.

[II] Useful Short Technical Notes on Julia from Vixra.org :

[a] https://vixra.org/pdf/1907.0201v1.pdf

[b] https://vixra.org/abs/1907.0397

[c] https://juliaimages.org/latest/

[d] https://julialang.org/research/

[e] https://github.com/JuliaImages/Images.jl

[f] Julia: **A Fresh Approach to Numerical Computing. Jeff Bezanson, Alan Edelman, Stefan Karpinski, Viral B. Shah. (2017) SIAM Review, 59: 65–98. doi: 10.1137/141000671. pdf.**

[g] https://github.com/ieee8023/covid-chestxray-dataset/blob/master/images/000001-9-b.jpg

[h] https://www.vixra.org/author/nirmal_tej_kumar - **Multi-disciplinary R&D Technical Notes.**

[i] https://www.vixra.org/abs/2004.0379 – **Cameras/Sensors/Noise in Images.**

[j] **MXNet - Julia API – Deep Learning for various computing tasks.**

[THE END]