Lucenildo Silva Cerqueira

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Research Interest_____

Natural Language Processing, Digital signal processing in cardiology, Machine Learning related System.

Education_____

B.S. in Mathematical and Earth Sciences   Rio de Janeiro, Brazil
Universidade Federal do Rio de Janeiro. PEB/COPPE.   2022-1 - Present

Ph.D. Biomedical Engineering   Rio de Janeiro, Brazil
Universidade Federal do Rio de Janeiro. PEB/COPPE.   2011 - 2016

Thesis Topic: Evidências Contra a Coordenação Cardiolocomotora Durante a Corrida: uma Abordagem por Comparação Cruzada (Evidence against cardiolocomotor coordination during running: a cross-comparison approach)
      Advisor: Jurandir Nadal
      Financed by CNPq

M.S. in Physical education, UFRJ (FEDERAL UNIVERSITY OF RIO DE JANEIRO)   2009 - 2011
      Financed by CAPES
      Supervised by Fernando Pompeu.

B.S. in Physical education, UFRJ (FEDERAL UNIVERSITY OF RIO DE JANEIRO)   2004 - 2008

Skills_____

Programming Matlab, R, C, C++, Arduino and Python and Frameworks such as (NumPy, Pandas, OpenCV, Flask, Django, Keras, TensorFlow, PyTorch, Bootstrap, Dash-plotly)

Languages Portuguese (native), English (intermediate), Spanish (beginner), French (begginer)

Employment and Experience_____

Post-doctorate – Universidade Federal do Rio de Janeiro (Brazil).   2020 - 2022
      Financed by CAPES
      Supervised by Jurandir Nadal.

Post-doctorate – Universidade Federal do Rio de Janeiro (Brazil).   2016 - 2017
      Financed by National Council for Scientific and Technological Development(CNPq)
      Supervised by Jurandir Nadal.

Undergraduate teacher assistant of statistics applied to research in Physical Education
Universidade do Estado do Rio de Janeiro, UERJ, Brasil.   2011 - 2012

Undergraduate teacher assistant of introduction to informatics applied to research in Physical Education
Universidade do Estado do Rio de Janeiro, UERJ, Brasil.   2011 - 2012

Projects_____

Telemedicina e Análise de Dados Médicos   2020 - 2022

CARDIORISK - Risk Stratification of Arrhythmias and Sudden Cardiac Death   2016 - 2017