

Vítor de Godeiro Marques

Institute of Informatics
Federal University of Rio Grande do Sul (UFRGS)
Porto Alegre, RS, Brazil

Phone: +55 (84) 99804-1198
E-mail: vitorgodeirom@gmail.com
Website: <https://vitorgodeiro.github.io>

Education

Federal University of Rio Grande do Sul

Master of Science in Computer Science
Advisor: Prof. Manuel M. Oliveira

Porto Alegre, RS, Brazil
Mar. 2019 to Present

Federal University of Rio Grande do Norte

Bachelor in Computer Science; CGPA: 9.48/10.00, graduated with High Distinction
Advisors: Prof. Bruno Motta and Prof. Bruno Santana

Natal, RN, Brazil
Jan. 2018 to Dec. 2018

Institute for Pure and Applied Mathematics

Course on 2D Computer Graphics; Grade: A^-

Rio de Janeiro, RJ, Brazil
Jan. 2018 to Mar. 2018

Federal University of Rio Grande do Norte

Bachelor in Information Technology; CGPA: 8.31/10.00

Natal, RN, Brazil
Jan. 2014 to Dec. 2017

PUBLICATIONS

- **Vítor Godeiro**, Luis R. D. da Silva, Bruno M. Carvalho, Leandson R. F. de Lucena, Marcela M. Vieira. *Deep Learning-based Pore Segmentation of Thin Rock Sections for Aquifer Characterization using Space Color Reduction*. To appear at International Conference on Systems, Signals and Image Processing (IWSSIP), 2019
- **Vítor Godeiro**, José Neto, Bruno Carvalho, Julianny Ferraz, Bruno Santana, Renata Gama. *Chronic Wound Tissue Classification Using Convolutional Networks And Color Space Reduction*. IEEE International Workshop on Machine Learning for Signal Processing (MLSP), 2018

AWARDS

- Student Merit Medal, Best winter 2018 graduating student of the Computer Science Feb. 2019
- Best Paper in Progress, Workshop on Medical Informatics, Brazil Jul. 2017

FELLOWSHIPS

- M.Sc. Scholarship, Coordination for the Improvement of Higher Education Personnel 2019
- Scientific Initiation Scholarship, Norte-Rio-Grandense Foundation of Research and Culture 2018
- Tutorial Education Program, Brazilian Ministry of Education 2016, 2017
- Young Talents Grant Program for Science, Coordination for the Improvement of Higher Education Personnel 2015

EXPERIENCES

- **Research Assistant, Federal University of Rio Grande do Norte** Sep. 2016 to Nov. 2018
Advisor: Prof. Bruno Motta de Carvalho
We investigated algorithms to perform the segmentation of wounds as well the classification tissues as Necrotic, Granulation or Slough based on their textural properties (The Earth Mover distance) or using several convolutional networks and proposed a color space reduction methodology.
- **Research Assistant, Federal University of Rio Grande do Norte** Jan. 2015 to Jun. 2016
Advisor: Prof. Bruno Santana
We developed virtual tools to improve the quality of teaching in practice in parasitology and medical entomology.

COMPUTER SKILLS

Languages: C/C++, Python, Java, Lua.

Libraries: Tensorflow, OpenCV, OpenGL, Numpy, SkLearn.

Applications: Vi/Vim, Git, Latex.