

# Vítor de Godeiro Marques

Institute of Informatics  
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## Education

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### Federal University of Rio Grande do Sul

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

Porto Alegre, RS, Brazil  
March. 2019 – 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 – Dec. 2018

### Institute for Pure and Applied Mathematics

Course on 2D Computer Graphics; Grade: A<sup>-</sup>

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

### Federal University of Rio Grande do Norte

Bachelor in Information Technology; GPA: 8.31/10.00

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

## PUBLICATIONS

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- **Vítor Godeiro**, Luis R. D. da Silva, Bruno M. Carvalho, Leanderson 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 AND SCHOLARSHIPS

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- Student Merit Medal – Best winter 2018 graduating student of the Computer Science.
- Best Paper in Progress, Workshop on Medical Informatics, Brazil, 2017
- Smart Metropolis, Norte-Rio-Grandense Foundation of Research and Culture, 2017 – 2018
- Tutorial Education Program, Brazilian Ministry of Education, 2016 – 2017
- Young Talents for Science, Coordination for the Improvement of Higher Education Personnel, 2015

## RESEARCH

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- **Federal University of Rio Grande do Norte - Prof. Bruno Motta de Carvalho**  
*Undergraduate Research*, 2016 – 2018  
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.
- **Federal University of Rio Grande do Norte - Prof. Bruno Santana**  
*Undergraduate Student*, 2015 – 2016  
We developed virtual tools to improve the quality of teaching in practice in parasitology and medical entomology.

## COMPUTER SKILLS

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

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

**Applications:** Vi/Vim, Git, Latex.