

# Vitor R. Greati

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## Education

- 2020–present **MSc, Computer Science**, *Federal University of Rio Grande do Norte*, Natal, Brazil.  
Advisor João Marcos de Almeida, Ph.D.
- 2018–2019 **BS, Computer Science**, *Federal University of Rio Grande do Norte*, Natal, Brazil, Grade: 9.7/10.  
Advisor João Marcos de Almeida, Ph.D.
- 2015–2018 **BS, Information Technology**, *Federal University of Rio Grande do Norte*, Natal, Brazil, Grade: 9.6/10.  
Advisor Selan Rodrigues dos Santos, Ph.D.
- 2011–2016 **Technician Diploma in Informatics**, *Federal Institute of Rio Grande do Norte*, Natal, Brazil.  
Advisor Bruno Sielly Jales Costa, Ph.D.
- 2011–2015 **Technician Diploma in Web Programming**, *Federal University of Rio Grande do Norte*, Natal, Brazil.
- 2011–2015 **High School Diploma**, *Federal Institute of Rio Grande do Norte*, Natal, Brazil, Grade: 9.7/10.

## Research Experience

[Federal University of Rio Grande do Norte](#)

- 2019–present **Data-driven wind prediction and fault prognosis in wind turbines.**
- 2018–present **Hilbert calculi for the main fragments of Classical Logic.**
- 2018–present **Big Data for the Oil and Gas Smart Industry.**
- 2016–2017 **Data Science for Vehicle Monitoring and Diagnosys.**  
[Federal Institute of Rio Grande do Norte](#)
- 2014–2015 **New landing protocol for Unmanned Aerial Vehicles.**
- 2013–2015 **Treatment and reuse of water at IFRN: filtering and monitoring eletronic system in computer aided platform.**
- 2013–2014 **Water softening using modified clays.**

## Work Experience

- 2015–2016 **Web Development Intern**, *IT Department*, Federal University of Rio Grande do Norte.

## Teaching Experience

[Federal Institute of Rio Grande do Norte](#)

- 2014–2015 **Tutoring high school students for programming contests.**

## Federal University of Rio Grande do Norte

2012–2012 **Teaching Assistant**, *Web Programming*.

### Languages

Portuguese	Fluent	Native
English	Advanced	

### Honors

- 2020 **Bachelor in Computer Science with honours**, *Federal University of Rio Grande do Norte*, Natal, Brazil.
- 2019 **2nd Best Paper Award**, *IX Brazilian Symposium on Computing Systems Engineering*, Natal, Brazil.
- 2018 **Bachelor in Information Technology with honours**, *Federal University of Rio Grande do Norte*, Natal, Brazil.
- 2015 **High School with honours**, *Federal Institute of Rio Grande do Norte*, Natal, Brazil.
- 2014 **Silver Medal**, *CRIA's Algorithm Cup*, Rio Info, Rio de Janeiro, Brazil.
- 2014 **Bronze Medal**, *10th OBMEP*, IMPA, Brazil.
- 2014 **Third best project of Natural Science and Mathematics**, *MOCITEC*, Federal Institute of Rio Grande do Norte, Natal, Brazil.
- 2014 **Outstanding research award**, *MOCITEC IFRN*, ABRITEC, Natal, Brazil.
- 2014 **Outstanding student award**, *Federal Institute of Rio Grande do Norte*, Natal, Brazil.

### Publications

#### Theses

- 2019 Vitor Greati. "Hilbert calculi for the main fragments of Classical Logic". Undergraduate Thesis. Federal University of Rio Grande do Norte, 2019. URL: <https://vitorgreati.me/hcc1f-monograph.html>

#### Journal papers

- 2019 Roberto R. C. Lima et al. "Sodium-Modified Vermiculite for Calcium Ion Removal from Aqueous Solution". In: *Industrial & Engineering Chemistry Research* 58.22 (2019), pp. 9380–9389

#### Conference papers

- 2019 V. Ribeiro et al. "Brazilian Mercosur License Plate Detection: a Deep Learning Approach Relying on Synthetic Imagery". In: *2019 IX Brazilian Symposium on Computing Systems Engineering (SBESC)*. 2019, pp. 1–8
- 2019 Aguinaldo Junior et al. "An Industrial Big Data Processing Engine". In: *14º Simpósio Brasileiro de Automação Inteligente*. 2019
- 2019 Joel Gomes, Vitor Greati, and João Marcos. "Towards the automated extraction of Hilbert calculi for fragments of classical logic". In: *19th Brazilian Logic Conference*. 2019
- 2018 Vitor Greati et al. "Plataforma para o monitoramento de irregularidade veicular em Cidades Inteligentes". In: *Congresso Brasileiro de Automática*. 2018

- 2017 Vitor Greati et al. "Método para Reconhecimento de Placas Brasileiras em Ambientes Não Controlados. In: Simpósio Brasileiro de Automação Inteligente". In: *Simpósio Brasileiro de Automação Industrial*. 2017
- 2017 Vitor Greati, Vinícius Campos, and Ivanovitch Silva. "Sistema Baseado em Reconhecimento Automático de Placas para Monitoramento de Veículos e Caracterização de Frequentadores em Estabelecimentos". In: *Escola Potiguar de Computação e suas Aplicações*. 2017
- 2017 Vitor Greati et al. "A Brazilian License Plate Recognition Method for Applications in Smart Cities". In: *IEEE Summer School on Smart Cities*. 2017
- 2015 Bruno Costa et al. "A visual protocol for autonomous landing of unmanned aerial vehicles based on fuzzy matching and evolving clustering". In: *FUZZ-IEEE*. 2015