CARLOS EDUARDO MARCIANO

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EDUCATION

Federal University of Rio de Janeiro, RJ, Brazil ..... *Aug 2014 – est. Mar 2019*
B.S. in Information and Computer Engineering Overall GPA: 8.7/10
Cum laude

PUBLICATION

Minimum Concurrency via Maximal Cycles
Carlos Eduardo Marciano, Abilio Lucena, Felipe França, Luidi Simonetti
Submitted to the X Latin and American Algorithms, Graphs and Optimization Symposium (LAGOS)

RESEARCH

Federal University of Rio de Janeiro ..... Mar 2018 – Present
Felipe M. G. França (UFRJ), Luidi G. Simonetti (UFRJ), Abilio Lucena (UFRJ)
Topics: combinatorial optimization, graph theory, distributed systems, complexity theory

Federal University of Rio de Janeiro ..... Mar 2018 – Oct 2018
José Manoel de Seixas (UFRJ), Werner S. Freund (UFRJ)
Funded by CNPq Fellowship
Topics: big data, machine learning, particle physics

Federal University of Rio de Janeiro ..... Dec 2017 – Mar 2018
Vinícius G. Pereira de Sá (UFRJ)
Topics: graph algorithms, complexity theory

TEACHING ASSISTANTSHIPS

Federal University of Rio de Janeiro
COS242 – Graph Theory ..... *Aug 2018 – Dec 2018*
EEL470 – Algorithms and Data Structures ..... *Mar 2016 – Dec 2017*

ACHIEVEMENTS

Ranked 1st in the entrance exam for the Information and Computer Engineering undergraduate program at the Federal University of Rio de Janeiro with a total of 4035.60 points (ENEM 2014).

Writer of one of the 250 essays, out of a total of 6 million, who achieved 1000 points in ENEM 2014 (top 0.004%).

115/120 in TOEFL iBT (98th percentile) in October 2018.

RELEVANT COURSES

Core Courses
Algorithms and Data Structures
Graph Theory
Optimization
Computational Intelligence
Theory of Computation

Other Courses
Graph Optimization
Probability and Statistics
Calculus & Linear Algebra
Machine Learning (Coursera)
English & French

OTHER TEACHING POSITIONS

C Programming Language Course March 2017
Taught outside of class hours *Federal University of Rio de Janeiro*

This course was comprised of 4 classes, each with a duration of 2 hours, where I presented the basics of the C programming language to around 20 students. The bibliography consisted of Brian Kernighan and Dennis Ritchie's homonymous book, which inspired a number of exercises developed throughout the course. The last class involved notions of computer architecture and code snippets showing how C is modernly used to develop the Linux kernel.

GRANTS, HONORS AND AWARDS

CNPq Undergraduate Research Fellowship ..... *Mar 2018 – Oct 2018*
Teaching Assistant Scholarship ..... *Mar 2016 – Dec 2017*