

# CARLOS EDUARDO MARCIANO

My website: <https://cemarciano.github.io>  
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## EDUCATION

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**Federal University of Rio de Janeiro, RJ, Brazil** ..... Aug 2014 — May 2019  
Bachelor's in Computer and Information Engineering ..... Final GPA: 8.8/10  
Cum laude

## PUBLICATION

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**Minimum Concurrency for Assembling Computer Music**  
MARCIANO, C. E., LUCENA, A., FRANÇA, F. M. G., SIMONETTI, L. G.  
Proceedings of the 9th International Network Optimization Conference, Avignon, France, June 2019.  
Award: Best Student Paper INOC 2019

## RESEARCH

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**Inria Sophia Antipolis - Méditerranée** ..... Sep 2019 — Dec 2019  
*Intern — Biot, France*  
Supervisor: *Giovanni Neglia (Inria)*  
Topics: machine learning, caching, prefetching  
*Funded by Inria*

**Federal University of Rio de Janeiro** ..... Dec 2017 — Mar 2019  
*Undergraduate Researcher — Rio de Janeiro, Brazil*  
Supervisors: *Felipe M. G. França (UFRJ), Luidi G. Simonetti (UFRJ)*  
Topics: network optimization, algorithms, computer music  
*Funded by CNPq Scholarship*

## TEACHING ASSISTANTSHIPS

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**Federal University of Rio de Janeiro**  
*COS242 — Graph Theory* ..... 1 term (Aug 2018 — Dec 2018)  
*EEL470 — Algorithms and Data Structures* ..... 4 terms (Mar 2016 — Dec 2017)

## ACHIEVEMENTS

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- ▷ **Ranked 1st in the entrance exam** for the Computer and Information Engineering undergraduate program at the Federal University of Rio de Janeiro (ENEM 2014).
- ▷ Writer of one of the 250 essays, out of a total of 6 million, that **achieved 1000 points** in ENEM 2014, which is Brazil's nationwide entrance exam for universities (top 0.004%).
- ▷ Graduated with the **highest GPA** among my Computer Engineering peers in Spring 2019.

## OTHER TEACHING POSITIONS

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**C Programming Language Course** ..... March 2017  
*Federal University of Rio de Janeiro* ..... 4 classes of 2 hours each  
*Bibliography: RITCHIE, D. The C Programming Language, 2nd ed.* ..... Attendance: 20 students

## EXTRA COURSES

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**9th Winter School on Network Optimization** ..... January 2020  
*Universidade de Lisboa* ..... Duration: 1 week  
*Estoril, Portugal*

## LANGUAGES & SKILLS

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### Natural

#### Fluent

- ↳ Portuguese
- ↳ English
- ↳ French

#### Basic

- ↳ Spanish

### Programming

#### Fluent

- ↳ C and C++
- ↳ HTML, CSS, JavaScript, jQuery
- ↳ Python

#### Intermediate

- ↳ React, Angular, Ionic
- ↳ TensorFlow, MongoDB

## TEST SCORES

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*GRE General Test (Sep 2019)* ..... (Wr: 4.5, Verbal: 162, Quant: 167) — Overall: 329/340  
*IELTS Academic (Aug 2019)* ..... (Re: 9, Li: 9, Wr: 8, Sp: 9) — Overall: 9/9  
*TOEFL iBT (Oct 2018)* ..... (Re: 30, Li: 30, Wr: 29, Sp: 26) — Overall: 115/120

## GRANTS, HONORS AND AWARDS

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*Inria Internship Grant* ..... € 3,600 total (Sep 2019 — Dec 2019)  
*Best Student Paper Award INOC 2019* ..... € 500 total (Jun 2019)  
*CNPq Undergraduate Research Scholarship* ..... R\$ 4,800 total (Mar 2018 — Feb 2019)  
*Teaching Assistant Scholarship* ..... R\$ 8,800 total (Mar 2016 — Dec 2017)