

IDIAN CAMARGO CAPOZZOLI

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EDUCATION

University of São Paulo, São Paulo, Brazil

Apr 2021 – Present

Bachelor's in Computer Science

GPA: 8.4/10

The Computer Science program is a four-year course that offers great flexibility in selecting courses. It features a system of specialization tracks, including Theoretical Computer Science, in which I have specialized.

Federal Institute of Education, Science and Technology of São Paulo

Feb 2019 – Dec 2019

Technical Program in Informatics integrated with High School

GPA: 9.09/10

The three-year course at Federal Institute of Education, Science and Technology of São Paulo – Bragança Paulista Campus (IFSP – BRA) trains professionals to develop and maintain software systems, perform computer maintenance, and set up local networks, with a focus on quality and security.

PROJECTS AND EXPERIENCE

Undergrad Research Project

Sep 2023 – Present

A scientific research under the supervision of Profa. Yoshiko Wakabayashi and funded by CNPq from 2023 up to now. Initially, the project was centered on the study of various topics in combinatorics and graph theory. The current focus is the study of longest paths in graphs from a structural perspective.

Undergrad Research Project

Oct 2021 – Feb 2023

Project entitled "Creation of an online database of archaeobotanical reference collections from Amazonia", funded by FAPESP (grant 2021/10041-2) and supervised by Jennifer Georgina Watling. The aim of the project was to create a useful tool for researchers studying Amazonian archaeobotany both in Brazil and around the world.

Teaching Assistant

Feb 2024 - Jul 2024

Was teaching assistant for the course Fundamentals of Mathematics for Computing. Responsible for holding office hours and grading assignments.

Computer Science Week Organizing Committee

Oct 2023

This event is organized by students from the Bachelor's degree in Computer Science of the Institute of Mathematics and Statistics at the University of São Paulo, with support from the course's Coordinating Committee. It features lectures on various areas of Computer Science, such as Artificial Intelligence, Cryptography, Data Analysis, Game Development, Free Software, among others.

CINIME Organizing Committee

Feb 2023 - Dec 2023

CINIME is the film collective of the Institute of Mathematics and Statistics at the University of São Paulo. The organizing committee is responsible for curating the films and promoting discussion sessions after the screenings.

Teaching Assistant

Feb 2019 - Dec 2019

Was teaching assistant for High School Mathematics course at Federal Institute of Education, Science and Technology of São Paulo (IFSP). Responsible for holding office hours.

Junior Scientific Initiation Program

2014 - 2017

The Junior Scientific Initiation Program (PIC) provides award-winning students from the OBMEP (Brazilian Public Schools Mathematics Olympiad) with opportunities to engage with interesting issues in the field of Mathematics, enhancing their scientific knowledge and preparing them for future professional and academic performance. Students participating in the PIC receive a scholarship from CNPq during the program year. The student participated in the editions of 2014, 2015, 2016, and 2017.

PARTICIPATION IN EVENTS

6th São Paulo Workshop on Optimization, Combinatorics, and Algorithms 9 - 13 Oct 2024

The São Paulo Workshop on Optimization, Combinatorics, and Algorithms (WoPOCA) is an event that aims to create a collaborative environment for discussing open problems in optimization, combinatorics, and algorithms, involving professors, graduate, and undergraduate students. Worked mainly in the Balanced Connected k -Partition Problem for planar graphs. The student also participates in the mini-course 'Matroids and Greedy Algorithms' ministred by Prof. Orlando Lee.

International Symposium on Scientific and Technological Initiation of USP 22, 23 Oct 2024

The International Symposium on Scientific and Technological Initiation of the University of São Paulo (SIICUSP) is an annual event that highlights research findings from undergraduate students at USP. The best undergraduate research projects are selected to an international Symposium from University of São Paulo. The project "Longest Paths in Graphs: Structural and Algorithmic Approach" was present at the 32^o SIICUSP, under the supervision of Profa. Yoshiko Wakabayashi.

Congress on Innovation, Science, and Technology of IFSP

Sep 2019

Conict - Congress on Innovation, Science, and Technology is organized by the Research and Graduate Studies Office (PRP) of the Federal Institute of Education, Science, and Technology of São Paulo (IFSP). It is an event open to the participation of high school and higher education students who are conducting research at IFSP or other educational or research institutions in the country. The project "Use of Drones for Image Processing and Calculation of Polygonal Target Areas" was presented and also published in the proceedings of Conict.

BRAGANTEC - Regional Science and Technology Fair

Sep 2018 and Sep 2019

BRAGANTEC is an annual Science and Technology Fair in the Bragança region, organized by IFSP - Bragança Paulista Campus. The project "MEILEARN: website and platform for study" was presented in 2018 under the supervision of Ana Paula Muller Giancoli. And the project "GEOMATIC: software for geometry learning" was presented in 2019 under the supervision of Diana Terezinha Amaro and Lucas Miguel Carvalho. This project was also presented in other regional event "Science Fair and Technological Exhibition and Entrepreneurship of Salto - IFCIÊNCIA", organized by IFSP - Salto Campus.

ACADEMIC ACHIEVEMENTS

- Silver Medal in the Brazilian Public Schools Mathematics Olympiad (2019).
- Gold Medal in the Mathématiques sans Frontières (2018).
- Silver Medal in the São Paulo Mathematics Olympiad (2018).
- Honorable Mention in the Brazilian Public Schools Mathematics Olympiad (2018).
- Silver Medal in the Mathématiques sans Frontières (2017).
- Honorable Mention in the Brazilian Public Schools Mathematics Olympiad (2017).
- Bronze Medal in the Brazilian Public Schools Mathematics Olympiad (2016).
- Bronze Medal in the Brazilian Astronomy and Astronautics Olympiad (2016).
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