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Education

Haverford College

Major in Mathematics and Linguistics

Haverford, PA, USA
Anticipated Graduation Date: May 2024

Selected Coursework: Representation Theory, Topology, Analysis, Intro to Algebraic Curves, Abstract Algebra.

Budapest Semesters in Mathematics

Study Abroad Semester

Budapest, Hungary

Sep 2022 – Dec 2022

Pontifical Catholic University of Rio de Janeiro

Completed five courses towards a Bachelor Degree in Mathematics

Rio de Janeiro, Brazil

Mar 2020 – Jun 2020

Selected Coursework: Discrete Mathematics, Linear Algebra, Calculus.

Colégio e Curso Pensi

High School

Rio de Janeiro, Brazil

Jan 2017 – Dec 2019

Activities: Math Olympiad Classes, IME/ITA Preparation Classes.

Experience

Department of Mathematics at Williams College

Research Experience for Undergraduates

Williamstown, MA, USA

Jun 2022 – Aug 2022

Department of Mathematics at Haverford College

Assistant for Math 215 (Linear Algebra)

Haverford, PA, USA

Jan 2022 – May 2022

- Tutor weekly two-hour Linear Algebra Resource Center sessions.
- Grade a quarter of all weekly homework assignment from the course.
- Write individual feedback for the students on their mathematical exposition and understanding of the material.

Grader for Math 333 (Abstract Algebra)

Aug 2021 – Dec 2021

- Graded a third of all weekly homework assignment from the course.
- Wrote individual feedback for the students on their mathematical exposition and understanding of the material.

Math Problem Solving Group at Haverford College

Co-Head

Haverford, PA, USA

since Sep 2021

- Organize weekly meetings, coordinating between students, professors and alumni.
- Gather and maintain problem sets from various mathematical competitions and solutions proposed by the group.
- Recruit students to participate in competitions, such as Putnam, IMC, and TriCERATOPS.

Academia Matematicamente

Math Olympiad Instructor

Rio de Janeiro, Brazil

occasionally since Dec 2020

- Teach math classes for children from 12 to 18, with strong focus on creative problem solving.
- Create handouts and problems sets to accompany the classes, with solutions the students can refer to later.

Brazilian Mathematical Olympiad

Volunteer

Brazil

since Nov 2019

- Served as grader at the Brazil Team Selection Test for EGMO 2022, Brazilian Math Olympiad 2021, Iranian Geometry Olympiad 2021, Brazil Team Selection Test for Cono Sur Math Olympiad 2021, and Brazil Team Selection Test for International Math Olympiad 2021.
- Created the marking scheme for a problem at the Lusophone Commonwealth Math Olympiad 2019, coordinating inputs from country leaders; and graded all solutions for that problem.

Colégio e Curso Pensi

Math Olympiad Instructor

Rio de Janeiro, Brazil

Feb 2020 – Dec 2020

- Taught weekly two-hour math classes for high school students, with strong focus on creative problem solving.
- Created handouts and problems sets to accompany the classes, with solutions the students could refer to later.

Skills

Native speaker of Brazilian Portuguese. Fluent speaker of American English.
Experience with Python, $\text{\LaTeX}$, C++, Linux, R, git.

Selected Awards

Putnam Mathematical Competition	Ranked 106th in 2021
International Mathematical Competition for University Students	Second Prize in 2021
International Mathematical Competition for University Students	Third Prize in 2020
International Mathematical Olympiad	Silver Medal in 2020
International Mathematical Olympiad	Bronze Medal in 2019
Brazilian Mathematical Olympiad	Gold Medal in 2019
Brazilian Mathematical Olympiad	Gold Medal in 2018