

Jabel Resendiz Aguirre

Computer Science Student, University of Havana

 Telegram

 Email

 Github

Personal Statement

"Teaching is not just a profession; it is a passion, a calling that connects deeply with the desire to guide others in their learning journey. I believe that through patience, empathy, and a deep understanding of both mathematical concepts and human potential, I can help students unlock their full potential and inspire a love for learning that lasts a lifetime."

Objective

Aspiring tutor with a strong background in mathematics and computer science, specializing in problem-solving, algorithm design, and mathematical theory. Experienced in tutoring students from elementary to university level, and eager to provide online tutoring tailored to each student's needs. Known for being patient, adaptable, and dedicated to fostering a deep understanding of mathematical concepts.

Achievements in Mathematics

- **3-Time Gold Medalist, Cuban National Mathematics Olympiad:** Awarded gold medals in three national competitions.
- **Silver Medalist, Central American and Caribbean Mathematics Olympiad (2019), Dominican Republic.**
- **Bronze Medalist, Ibero-American Mathematics Olympiad (2021), Costa Rica.**
- **3-Time Member, National Pre-selection Team for Mathematics (2019-2021).**
- **Trainer for Geometry and Number Theory in the Cuban National Pre-selection Team.**
- **3-Time Bronze Medalist, Iranian Geometry Olympiad.**
- **Participant, ICPC Caribbean Finals (2 times).**

Teaching Experience

- **Teaching Assistant, Algebra (Computer Science):** Assisted in teaching algebra to undergraduate students in the Computer Science department at the University of Havana.
- **Teaching Assistant, Calculus I (Accounting and Finance):** Assisted in teaching Calculus I to students in the Accounting and Finance program at the University of Havana.
- **Online Mathematics Tutor:** Provide personalized online tutoring for students at all levels (from elementary to university), specializing in problem-solving and theory.

Mathematical Knowledge

- **Mathematical Areas:** Analysis, Algebra, Number Theory, Graph Theory, Discrete Mathematics, Differential Equations, Probability and Statistics, Numerical Methods, Mathematical Optimization.

Computer Science Skills

- **Programming Languages:** Python, C++, C#, C, Haskell, Prolog, JavaScript, SQL.
- **Advanced Data Structures and Algorithms:** Strong foundation in algorithms, data structures, and competitive programming.
- **Concurrent Programming and AI:** Experience with concurrent programming and artificial intelligence techniques.
- **Computer Networks:** Knowledge in network protocols and architectures.
- **Simulation and Databases:** Experience in simulation and database management.
- **Compiler Development:** Currently developing a compiler, including theoretical and practical aspects.
- **Cryptography (Elective):** Studied cryptography techniques.

Education

- Bachelor's Student in Computer Science, University of Havana (3rd Year).

Languages

- **Spanish:** Native.
- **English:** Intermediate (B2).