

MATHEUS MOTTA

SOFTWARE ENGINEER & MSC STUDENT

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ABOUT ME

I am enthusiastic, extroverted, and energetic, passionate about literature, problem-solving, and quantum physics. I see math and computer science as numbers and computers just as books are about ink and paper.

Working in highly technical environments with efficient communication skills, I strive on difficult problems with high levels of ambiguity.

MAIN SKILLS

- Golang
- C/C++
- Python
- Java
- SQL
- AWS
- Git
- Qiskit, Q#, PennyLane

LANGUAGES

- Portuguese: Native
- English: Fluent

EDUCATION

BSc in Computational Mathematics Belo Horizonte, Brazil
Universidade Federal de Minas Gerais | 2018 - 2022
Coursework: Graph Theory, Convex Optimization, Quantum Computing, Information Retrieval, Combinatorics, Advanced Algorithms & Data Structures, Competitive Programming.

MSc in Computer Science Belo Horizonte, Brazil
Universidade Federal de Minas Gerais | 2023 - exp. 2024
Working Thesis: Quantum computing & Machine learning integration on Quantum Graph Neural Networks to approach graph combinatorial and optimization problems.
Advisor: Gabriel Coutinho e Bruno Chagas

PROFESSIONAL EXPERIENCE

Product Engineer Dublin, Ireland (Remote)
Glofox | Aug 2021 - Present
Skills and responsibilities: Backend applications, Restful APIs, CLI tools, Golang, AWS, SQL, Postgres MongoDB, CircleCI, Looker, Testing, TDD, Continuous Delivery, Agile Methodologies, and Slicing.

Software Engineer Intern Belo Horizonte, Brazil
CI&T | Feb 2021 - Aug 2021
Skills and responsibilities: Microservices architecture for e-commerce systems, Java, SpringBoot, MongoDB, Azure, and Agile Methodologies.

Undergraduate Research Fellow Belo Horizonte, Brazil
Computer Science Department UFMG | Feb 2019 - Oct 2021
Skills and responsibilities: Quantum Computing, Algebraic Combinatorics, Algorithms, and Convex Optimisation.

HONORS, AWARDS & COMPETITIONS

Bronze Medalist, 9° Place ACM-ICPC Latin American Regional Jul 2021
Compete in the Latin American ACM International Collegiate Programming Contest, achieving 17/302 LATAM and 9/63 (Bronze Medal) nationally.

Gold Medalist, 3° Place ACM-ICPC Brazilian Subregional Nov 2020
Compete in the Brazilian ACM International Collegiate Programming Contest, achieving 9/760 nationally and 3/63 (Gold Medal) subregionally.

18° Place, Microsoft Q# Coding Contest - Summer 2020 Jun 2020
Compete in a Microsoft International quantum programming competition achieving 18/592 contestants globally.

Best Web Development Project, Microsoft Students to Business MIC Jul 2017
Web development competition held by Microsoft for high school & college students.