

FREDSON SILVA DE SOUZA AGUIAR

Brazilian | Single | 23 years
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Objective

I seek the deepening of technical and personal skills through the studies and discussion of topics related to mathematics, research and education, by participating and sharing in academic events and studies.

Academic Training

2023 – 2024: Escola de Matemática Aplicada (FGV/EMAp)

Master's Degree in Mathematical Modeling
University Average Grade (GPA): N/A

2018 – 2022: Escola de Matemática Aplicada (FGV/EMAp)

Bachelor of Science in Applied Mathematics
University Average Grade (GPA): 3.64

2014 – 2018: Instituto Federal do Rio Grande do Norte (IFRN)

Information technology technician, Integrated to High School
High School Average Grade (GPA) acumulado: 3.71

Professional Experience

jun/2021 – nov/2021: Internship – IBM Brazil

Area: *Natural Language Processing; Repair and Publication of Language Data*

jan/2021 – feb/2021: Summer Job - Bank BOCOM BBM

Area: *Data Science, Credit Analysis and Automation for Financial Data*

aug/2019 – jul/2021: Scientific Initiation – PICME/CNPQ

Area: *Natural Language Processing; Semantic Representations and Ontologies*

Events Participation

fev/2024 – fev/2024: EAGxLatinAmerica 2024

Area: *Effective altruism; AI Safety and AI Governance*

fev/2024 – fev/2024: Condor Camp 2024

Area: *Career Acceleration; AI Safety and AI Governance*

jan/2024 – fev/2024: Tropical Probabilistic AI School 2024

Area: *Probabilistic Machine Learning and Artificial Intelligence*

sep/2019 – sep/2019: IAASA Systems Analysis and the Americas Conference

Area: *Systems Analysis and the Americas Conference*

aug/2019 – aug/2019: IMPA 32th Brazilian Mathematics Colloquium

Area: *32th Brazilian Mathematics Colloquium*

Relevant Knowledge

Data Science; Neural Networks and Deep Learning; Reinforcement Learning; Optimal Control and Dynamic Programming; Mathematical Modelling; Applied Mathematics.

Extra-curricular Activities

aug/2023 – jun/2024: Coordinator – FGV/SEPEMAp

Area: FGV/EMAp Graduate Student Seminars

aug/2023 – dec/2023: Tutor – FGV/EMAp

Area: FGV/EMAp Masters Multivariate Analysis

aug/2023 – dec/2023: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Partial Differential Equations

aug/2023 – dec/2023: Tutor – FGV/EMAp

Area: FGV/EPGE Undergrads Computing for Economy

mar/2023 – jun/2023: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Complex Calculus

aug/2022 – dec/2022: Tutor – FGV/EPGE

Area: FGV/EPGE Undergrads Computing for Economy

aug/2022 – dec/2022: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Real Analysis

feb/2020 – nov/2020: Volunteer Teacher – Amplia FGV

Area: FGV/Amplia Social Project Volunteer Teacher

aug/2020 – dec/2020: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Discrete Mathematics

feb/2020 – jun/2020: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Vectorial Calculus

aug/2019 – dec/2019: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Multivariate Calculus

feb/2019 – jun/2019: Tutor – FGV/EMAp

Area: FGV/EMAp Undergrads Univariate Calculus