BRUNO MARIZ

Engineering Student

PERSONAL PROFILE

- I'm an Electrical Engineering student with an interest in computer science and software development.

PERSONAL SKILLS

- No trouble dealing with challenges and new leaning opportunities
- Practice in organization and planning

AWARDS

- Best undergraduate research article at ERAD-SP 2020

CONTACT

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Vila Leopoldina, São Paulo - SP

PROFESSIONAL EXPERIENCE

Undergraduate Researcher

Software Technologies for Modelling and Inversion with applications in seismic imaging (STMI), 2019 - 2020

• Development of a system for visualizing wave propagation in acoustic media - a method used to locate underground oil through the different acoustic characteristics of physical media
• Scalability analysis in parallel processing of different models for wave propagation simulation.

EDUCATION

Escola Politécnica da Universidade de São Paulo

Habilitação: Electrical Engineering, 2019 - 2023 (forecast)

• Participation in the courses "Introduction to Digital Games" and "Digital Games Laboratory Using Unity Platform" at Samsung Ocean.

Colégio Bandeirantes

High School, 2016 - 2018

School's basketball team, 2016 - 2017

• São Paulo School Sports League (LE2) champions, 2016 e 2017

Colégio Franciscano Pio XII

Kindergarten and elementary School, 2004 - 2015

Pastoral volunteer member

• Donation campaigns
• Social participation encouragement through volunteer work

PUBLISHED PAPERS

"Comparação do Custo Computacional entre Diferentes Tamanhos de Camadas de Absorção", 2020

• Presented at the 11th Regional School of High Performance's (ERAD-SP) Undergraduate Research Forum (ERAD-SP)

"Zigues, zagues, zeros e uns", 2018

• Collaboration with a colleague and a teacher during high school

Teixeira, B. M. O.; Krakauer, C. B. - Zigues, Zagues, Zeros e Uns.- in Revista do Professor de Matemática , São Paulo, n.o 97, pp. 40-42. 3.o quadrimestre de 2018.

PROFESSIONAL SKILLS

- Knowledge in Python, C++, C, Java, JavaScript, React and Matlab.
- Image and video editing, 3D modelling.

Languages

- Portuguese - native
- English - advanced
- Spanish - beginner
- German - beginner