Matías Sepúlveda

Researcher - Data Scientist

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Work experience

Ecodrones Chile

Santiago, Chile

Machine Learning Engineer

December 2022 - Present

Design, planing and execution of computer vision projects applied to different industries, such as object detection in electrical inspection

Autonomous Perceptive Systems Group

Groningen, Netherlands

Research Intern

May 2022 - July 2022

Development of an improved perfusion myocardial segmentation model with special attention to transformers applied to medical image segmentation

Complex Engineering Systems Institute

Santiago, Chile

Research Assistant

August 2021 - August 2022

Development of an improved perfusion myocardial segmentation model with special attention to adversarial learning applied to medical image segmentation

Web Science and Smart Technologies Lab

Santiago, Chile

Research Intern

January 2021 - February 2021

Development of a descriptive/predictive model with cognitive stress and fatigue/somnolence data taken from radiologist physicians while reviewing chest examinations

Education

Master of Data Science

Santiago, Chile

University of Chile

August 2021 - April 2023

Minor of Data Science

Santiago, Chile

University of Chile

August 2021 - April 2023

Bachelor of Sciences in Engineering, specializing in Industrial Engineering

Santiago, Chile

University of Chile

March 2016 - April 2023

Languages

English

CEFR (Common European Framework) - B1

Skills & competencies

- Deep learning algorithms
- Computer vision
- Adversarial learning
- Medical data
- Project management
- Time management
- Problem-solving
- Research presentation