

DANIEL COSTA VALERIO

COMPUTER SCIENTIST

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EXPERIENCE

Mathematical Logic Monitor

Universidade Tecnológica Federal do Paraná - (UTFPR)

Campo Mourão, PR

May 2015 - July 2015

Assist students in discipline of mathematical logic.

Create exercises lists of discipline.

Internship - Computer Labs Monitor

Faculdade de Informática e Administração Paulista - (FIAP)

São Paulo, SP

September 2011 - December 2011

- Maintenance, assembly and cleaning of microcomputers.
- Assist students with problems to use the microcomputer during classes.

PROJECTS

Method of Extracting Characteristics Allowing Translation of Signal Languages Using RGB Images

Instituto Politécnico de Bragança - (IPB)

Bragança, Portugal

April 2018 - present

Master's thesis whose objective is the composition of a method of extracting characteristics of simple RGB images specific to the sign language translation domain.

Detection and Recognition of Automobile License Plates

Instituto Politécnico de Bragança - (IPB)

Bragança, Portugal

January 2019

Car plate detection in real environment and character extraction (OCR).

The Dissimilarity Applied to Face Recognition.

Conselho Nacional de Desenvolvimento Científico e Tecnológico - (CNPq)

Campo Mourão, Paraná

November 2016 - July 2017

Project of scientific initiation for identification of people using artificial intelligence technique and images processing for facial recognition.

TOOLS

Tensorflow OpenCV Dlib Weka
Orange Keras Docker Git Vim
Python Octave Scikit-Learn Tmux
NumPy Linux Scrum Rails

SKILLS

Artificial Intelligence Data Processing
Machine Learning Computer Vision
Data Analysis Data Visualization

LANGUAGES

Portuguese ●●●●●

English ●●●●●

Spanish ●●●●●

Japanese ●●●●●

EDUCATION

M.Sc. in Information Systems - Masters Bologna

Instituto Politécnico de Bragança - IPB

Bragança, Portugal

February 2018 - present

Thesis topic: Develop a method for sign language translation using a simple RGB camera.

B.Sc. in Computer Engineering - Masters Bologna

Instituto Politécnico de Bragança - IPB

Bragança, Portugal

February 2018 - present

B.Sc. in Computer Science

Universidade Tecnológica Federal do Paraná - UTFPR

Paraná, Brazil

July 2014 - present

PUBLICATIONS

Conference Proceedings

- Valerio, Daniel Costa et al. (2017). “Device that assists the visually impaired people to identify people through face recognition”. In: *Proceedings of the XVI Brazilian Symposium on Human Factors in Computing Systems, IHC 2017, Joinville, Brazil, October 23-27, 2017*, 58:1–58:4. DOI: [10.1145/3160504.3160578](https://doi.org/10.1145/3160504.3160578). URL: <https://doi.org/10.1145/3160504.3160578>.

REFEREES

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