DANIEL COSTA VALERIO

COMPUTER SCIENTIST

@ danielcostavalerio@gmail.com   📞 +351 969 946 647
✉ R. Manuel de Arriaga, 55 - 2º andar, Bragança, Portugal
✉ R. Prof. Demostenes B. F. Marques, 19 - ap. 203, São Paulo, Brazil
📍 Bragança ,Portugal   🔗 Homepage   in Linkedin   ⊙ Gihub

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

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.

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).

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.

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. URL: https://doi.org/10.1145/3160504.3160578.

REFEREES

Prof. Rui Pedro Lopes
@ Instituto Politécnico de Bragança - IPB
✉ rlopes@ipb.pt

Prof. Diego Bertolini
@ Universidade Tecnológica Federal do Paraná - UTFPR
✉ diegobertolini@gmail.com