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   🔗 costavalerio.com   🐦 @wagjub   in linkedin.com/in/wagjub
⌨ github.com/wagjub

EXPERIENCE

Mathematical Logic Monitor
Universidade Tecnológica Federal do Paraná - (UTFPR)

📍 Campo Mourão, PR

🗓 May 2015 – July 2015

Assist students in the discipline of mathematical logic.

Create exercises lists of the 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 the identification of people using techniques of artificial intelligence and images processing for facial recognition.

Detection and Recognition of Automobile License Plates
Instituto Politécnico de Bragança - (IPB)

📍 Bragança, Portugal

🗓 January 2019 – present

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

Method of Extracting Characteristics That Allow the 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.

STRENGTHS

Good Communication   Creativity
Leadership   Entrepreneurial Spirit

Artificial Intelligence   Linux   Python
Distributed Systems   Tensorflow
Information Security   OpenCV   Rails
Java   C

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