

Daniel Costa Valerio

Curriculum Vitae

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📍 São Paulo - SP, Brazil

Education

- Feb 2018– Jun 2019 **Msc in Information Systems**, *Polytechnic Institute of Bragança (IPB)*, Bragança, Portugal.
Dissertation: Automatic Recognition of Signal Parameters in a Linguistic Context Using Neural Networks
- Feb 2018– Jun 2019 **Degree in Computer Engineering**, *Polytechnic Institute of Bragança (IPB)*, Bragança, Portugal.
- Aug 2014– Jun 2019 **Bachelor of Science in Computer Science**, *Federal Technological University of Paraná (UTFPR)*, Campo Mourão, Brazil.

Complementary Education

- 2015 **Mini-course FreeBSD**, *Campo Mourão*, Paraná - PR, Brazil.
Federal Technological University of Paraná (UTFPR)
- 2015 **Mini-course Beyond pixel: Introduction to Screen Readers and Open Source Projects for the Visually Impaired**, *Campo Mourão*, Paraná - PR, Brazil.
Federal Technological University of Paraná (UTFPR)
- 2014 **Introduction to Android Programming**, *Campo Mourão*, Paraná - PR, Brazil.
Federal Technological University of Paraná (UTFPR)

Experiences

- May 2015 – Jul 2015 **Mathematical Logic Monitor**, *Federal Technological University of Paraná (UTFPR)*, Campo Mourão, Paraná - PR, Brazil.
Assisted students in the discipline of mathematical logic and the professor to construct activities for the discipline.
- Sep 2011 – Dez 2011 **Internship - Monitor computer labs**, *Informatic and Administration College of São Paulo - (FIAP)*, São Paulo - SP, Brazil.
Perform maintenance, assembly and cleaning of laboratory microcomputers. Assist students in the use of the microcomputer during classes.

Participation in Projects

- 2018–2019 **Automatic Recognition of Signal Parameters in a Linguistic Context Using Neural Networks**, *Polytechnic Institute of Bragança (IPB)*, Bragança, Portugal.
Masters dissertation
- 2018 **Brazilian Auto Plate Recognition System**, *Polytechnic Institute of Bragança (IPB)*, Bragança, Portugal.
Work for masters discipline of artificial intelligence
- 2016-2017 **The Applied Dissimilarity in Facial Recognition**, *Federal Technological University of Paraná (UTFPR)*, Campo Mourão, Paraná - PR, Brazil.
Scientific Initiation Project
- 2018 **Relationship Between Editions Quantity and Build Success**, *Federal Technological University of Paraná (UTFPR)*, Campo Mourão, Paraná - PR, Brazil.
Activity for the discipline of data mining

Participation in Events

- 2017 **ExpoUT 2017 - Professions Trade Fair of UTFPR-CM**, *Campo Mourão*, Paraná, Brazil.
Student volunteer to build activities for the Computer Science course show
- 2016 **CBSOft - VII Brazilian Congress of Software: Theory and Practice**, *Maringá*, Paraná, Brazil, Volunteer participation at the congress.
- 2015 **FLISoL - Festival Latin American Festival of Free Software Installation**, *Maringá*, Paraná, Brazil.

Skills

Computation Linux, Python, C, Artificial Intelligence, Deep Learning
Others Entrepreneur, Communicative, Quick Adaptation

Languages

Portuguese **Native Speaker**

English **Intermediary**

Japanese **Basic**

Reads Well, Understands Well, Speaks Reasonably

Reads Little, Understands Reasonably, Speaks Reasonably

Interests

- Artificial Intelligence
- Automation
- Development of applications and tools using artificial intelligence.
- Development of tools for automation of services.

References

Prof. Diego Bertolini, *diegobertolini@gmail.com*.

Federal Technological University of Paraná (UTFPR)

Prof. Rui Pedro Lopes, *rlopes@ipb.pt*.

Polytechnic Institute of Bragança (IPB)

Publications

- [Valerio et al., 2017] Valerio, D. C., Sozim, M. B., Ramos, F. V., and Sabo, P. H. (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*, pages 58:1–58:4.