

# Daniel Costa Valerio

## Curriculum Vitae

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### Personal Presentation

I have a bachelor's degree in Computer Science and a master's degree in Information System, both degrees with an emphasis on artificial intelligence specifically in visual computing. Currently I want to get more experience in the field of artificial intelligence and I am interested in undertaking this sector.

### Education

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

### Complementary Education

- 2015 **Mini-course FreeBSD**, *Campo Mourão*, Paraná - PR, Brazil.  
Federal University of Technology - 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 University of Technology - Paraná (UTFPR)
- 2014 **Introduction to Android Programming**, *Campo Mourão*, Paraná - PR, Brazil.  
Federal University of Technology - Paraná (UTFPR)

### Experiences

- Nov 2019 – current **Lead Software Engineer**, (*Total Express*) - *Vector ITC Group*, São Paulo, São Paulo, Brazil.  
Full participation in Total Express ICS Delivery project from the beginning of the project to the current status. Currently I work with the management of the development team, coordinating the execution of tasks, support and training of the team. This project is a serverless project and was written in Android / Kotlin with firebase
- Oct 2019 – **Software Engineer**, (*Banco Safra*) - *Vector ITC Group*, São Paulo, São Paulo, Brazil.  
Nov 2019 Participation in Banco Safra's Tradesheet and Avaloc projects, which guided team members, developed and structured management software, developed in .NET Core and Angular CLI
- Sep 2019 – **RPA Developer - UIPath**, (*Porto Seguro*) - *Vector ITC Group*, São Paulo, São Paulo, Brazil.  
Oct 2019 Participation in the structuring and construction of robotization projects for the management of machines and data of Porto Seguro. We used UIPath and Tesseract in these projects
- May 2015 – **Mathematical Logic Monitor**, *Federal University of Technology - Paraná (UTFPR)*, Campo Mourão, Paraná, Brazil.  
Jul 2015 Assisted students in the discipline of mathematical logic and the professor to construct activities for the discipline.
- Sep 2011 – **Internship - Monitor computer labs**, *Informatic and Administration College of São Paulo - (FIAP)*, São Paulo, Brazil.  
Dez 2011 Perform maintenance, assembly and cleaning of laboratory microcomputers. Assist students in the use of the microcomputer during classes.

## Participation in Projects

- 2020 **Separation of Bidding Documents Bot** , *Porto Seguro - Vector ITC*, São Paulo, Brasil.
- 2020 **APP ICS Delivery**, *Total Express - Vector ITC*, São Paulo, Brasil.
- 2019 **Tradesheet**, *Banco Safra - Vector ITC*, São Paulo, Brasil.
- 2019 **Avaloc**, *Banco Safra - Vector ITC*, São Paulo, Brasil.
- 2019 **Computers Management Bot**, *Porto Seguro - Vector ITC*, São Paulo, Brasil.
- 2019 **OCR Detran Bot** , *Porto Seguro - Vector ITC*, São Paulo, Brasil.
- 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 University of Technology - Paraná (UTFPR)*, Campo Mourão, Paraná - PR, Brazil.  
Scientific Initiation Project
- 2018 **Relationship Between Editions Quantity and Build Success**, *Federal University of Technology - Paraná (UTFPR)*, Campo Mourão, Paraná - PR, Brazil.  
Activity for the discipline of data mining

## Participation in Events

- 2020 **Conducting the workshop "The basics and essentials about linux bash" at Vector ITC**, *São Paulo*, São Paulo, Brazil.  
I had the opportunity to organize a workshop within the company Vector ITC whose objective was to present the bash of Linux and demonstrate the use of basic commands.
- 2019 **Conducting the workshop "The basics and essentials about Artificial Intelligence" at Vector ITC**, *São Paulo*, São Paulo, Brasil.  
I had the opportunity to organize a workshop within the company Vector ITC whose objective was to present the artificial Intelligence and some application example
- 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 **CBSof - 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.

## Certifications

- 2019 **Advanced RPA Developer - UiPath**, *Credential: 653448114195573438*.

## Skills

Computation	Linux, Python, C, Inteligência Artificial, Machine learning, Android, MVVM, Kotlin, Google Cloud, Javascript, Robotic Process Automation
Others	Communicative

## Languages

Portuguese	<b>Native Speaker</b>
English	<b>Intermediary</b>

*Reads Well, Understands Well, Speaks Reasonably*

## Interests

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

## References

**Jeferson Guardezi**, *jguardezi@ext.vectoritcgroup.com*.

Vector ITC Group

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

Federal University of Technology - 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.