

Amaury André

Machine Learning Engineer



21/03/1985

Limeira-SP, Brasil

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🌐 <http://abandre.github.io>

🌐 amauryandre

Interests

- Machine and Deep Learning
- Computer Vision
- Music playing
- Sports (Soccer, NBA, NFL)

Education

2010. **MSc. Computer Science**



Unicamp

Campinas - Brasil

2009. **Computer Science**



Unicamp

Campinas - Brasil

2007. **Computer Engineering**



Unicamp

Campinas - Brasil

Languages

Portuguese ●●●●

English ●●●○

German ●○○○

Spanish ●○○○

Last updated: February, 2022.

Experience

Since Apr. 2007 **Systems and Computer Equipment Engineer**

SEMEQ - <https://semeq.com/index-pt.html>

Developing products and systems for IoT and intelligent predictive maintenance analysis.

Since Sep. 2010 **Course Coordinator and Professor**

UNIP - <https://www.unip.br/>

Computer Science coordinator and professor in Limeira.

Projects

2020 - 2021. **Dash Plotly Data Visualization**

<https://abandre.github.io/projetos/dash>

2018 - 2020. **Edge Computing - IoT**

<https://abandre.github.io/projetos/edge>

2015 - 2018. **Pressure Reconstruction**

<https://abandre.github.io/projetos/pressure>

2013 - 2015. **Video Magnification**

<https://abandre.github.io/projetos/video>

2011 - 2013. **Predictive Maintenance Binary Classification**

<https://abandre.github.io/projetos/video>

Publications

Andre, A., Beltrame, E., Wainer, J. (2013) "A combination of Support Vector Machine and K-Nearest Neighbors for Machine Fault Detection- *Applied Artificial Intelligence - Volume 27, Issue 1, 2013 - Taylor and Francis.*
doi:10.1080/08839514.2013.747370

Programming Skills

Scrum Foundation Professional Certificate



Certiprof

TLSZZLQQKL-MMRWYYHH-RPFHHJHDPT

Python	●●●●	Numpy	●●●●	Dash Plotly	●●●○
C	●●●○	Scikit-learn	●●●○	Flask	●●●○
Julia	●●●○	Pandas	●●●○	MongoDB	●●○○
Rust	●●○○	Keras	●●●○	SQL	●●○○
Flutter	●●○○	OpenCV	●●●○	Latex	●●○○