

Victor Guilherme Turrisi da Costa

CONTACT

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researchgate: [link](#)

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AREAS OF INTEREST

Deep Learning

Data Stream Mining

Network Security

Computer Vision

REFERENCES

Sylvio Barbon Junior (barbon at uel.br)

André Carlos Ponce de Leon Ferreira de Carvalho (andre at icmc.usp.br)

Bruno Bogaz Zarpelão (brunozarpelao at uel.br)

EDUCATION

Londrina State University (UEL), Brazil

2017 - Expect to conclude in March, 2019

M.S. Student in Artificial Intelligence

Supervisor: Sylvio Barbon Junior (barbon at uel.br)

Current average grade: 9.61/10

Londrina State University (UEL), Brazil

2013 - 2106

B.S. in Computer Science

Supervisor: Bruno Bogaz Zarpelão (brunozarpelao at uel.br)

Average grade: 8.14/10

PUBLICATIONS

Journals

1. COSTA, V. G. T. da ; CARVALHO, A. C. P. de L. F. de ; BARBON JUNIOR, S. - “Strict Very Fast Decision Tree: a memory conservative algorithm for data stream mining”. Pattern Recognition Letters, v. 116, p. 22-28, 2018. ([link](#))

2. MASTELINI, S. M. ; COSTA, V. G. T. da ; SANTANA, E. J. ; NAKANO, F. K. ; GUIDO, R. C. ; CERRI, R. ; BARBON JUNIOR, S. - “Multi-Output Tree Chaining: An Interpretative Modelling and Lightweight Multi-Target Approach”. Journal of Signal Processing Systems for Signal, Image, and Video Technology (Online), v. 90, p. 1-25, 2018. ([link](#))

3. COSTA, V. G. T. da ; BARBON JUNIOR, S. ; MIANI, R. S. ; RODRIGUES, J. J. P. C. ; ZARPELÃO, B. B. - “Mobile Botnets Detection based on Machine Learning over System Calls”. International Journal of Security and Networks (in press - 2019)

Conferences

4. COSTA, V. G. T. da ; BARBON JUNIOR, S. ; MIANI, R. S. ; RODRIGUES, J. J. P. C. ; ZARPELÃO, B. B. - “Detecting Mobile Botnets Through Machine Learning and System Calls Analysis”. Proceedings of the 2017 IEEE International Conference on Communications (ICC), 2017. p. 917-922. ([link](#))

5. BARBON JUNIOR, S. ; TAVARES, G. M.; COSTA, V. G. T. da ; CERAVOLO, P. ; DAMIANI, E. - “A Framework for Human-in-the-loop Monitoring of Concept-drift Detection in Event Log Stream”. Proceeding of the WWW '18 Companion Proceedings of the The Web Conference (WWW), 2018. p. 319-326. ([link](#))

6. COSTA, V. G. T. da ; MASTELINI, S. M. ; CARVALHO, A. C. P. de L. F. de ; BARBON JUNIOR, S. - “Making Data Stream Classification Ensembles Lighter”. Proceedings of the Brazilian Conference on Intelligent Systems (BRACIS), 2018. (in press)

7. COSTA, V. G. T. da ; ZARPELÃO, B. B. ; MIANI, R. S. ; BARBON JUNIOR, S. - “Online detection of Botnets on Network Flows using Stream Mining”. Proceedings of the Brazilian Symposium on Computer Networks and Distributed Systems (SBRC), 2018. v. 36. ([link](#))

8. BEZERRA, V. H. ; COSTA, V. G. T. da ; BARBON JUNIOR, S. ; MIANI, R. S. ; ZARPELÃO, B. B. - “One-class Classification to Detect Botnets in IoT devices”. Proceeding of the Brazilian Symposium on Information Security and Computation Systems (SBSeg), 2018. ([link](#))

9. SANTANA, E. J. ; MASTELINI, S. M. ; COSTA, V. G. T. da ; BARBON JUNIOR, S. - “Benchmarking multi-target regression methods”. Proceedings of the Brazilian Conference on Intelligent Systems (BRACIS), 2018. (in press)

10. TAVARES, G. M. ; COSTA, V. G. T. da ; MARTINS, V. E. ; CERAVOLO, P. ; BARBON JUNIOR, S. - “Anomaly Detection in Business Process based on Data Stream Mining”. Proceedings of the Brazilian Symposium on Information Systems (SBSI), 2018. (**best paper**) (in press)

11. BEZERRA, V. H. ; COSTA, V. G. T. da ; MARTINS, R. A. ; BARBON JUNIOR, S. ; MIANI, R. S. ; ZARPELÃO, B. B. - “Providing IoT host-based datasets for intrusion detection research”. Proceeding of the Brazilian Symposium on Information Security and Computation Systems (SBSeg), 2018. ([link](#))

12. Barbon Junior, S. ; COSTA, V. G. T. da ; CHEN, S. ; GUIDO, R. C. - “U-healthcare system for pre-diagnosis of Parkinson’s disease from voice signal”. Proceedings of the IEEE International Symposium on Multimedia (ICM), 2018 (in press)

TEACHING EXPERIENCE

Teaching Assistant

Artificial Intelligence Lecture at Londrina State University (UEL), Brazil 2018

(80 hours)

Short Course about the Python programming language - 2018

(4 hours)

SKILLS

Languages:

- Portuguese (native)
- English (fluent) - TOEFL iBT 2016: 103/120
- German (learning)

Programming Languages:

- Python and libraries (proficient)
- C and Java (good knowledge)

EVENT ORGANISATION

- Brazilian Symposium on Information Systems (SBSI), 2014
- Computer Science week at UEL, 2018