

José Nascimento

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Academic Background

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| 2020 – Present: | PhD in Computer Science | Universidade de Campinas, Brazil |
| 2024 – 2024 : | PhD Intern | Washington University in Saint Louis, United States |
| 2023 – 2023: | PhD Intern | Politecnico di Milano, Italy |
| 2015 – 2019: | BSc in Computer Science | Universidade de Campinas, Brazil |

Professional Experience

1. Software Engineering at ORGM, São Paulo, Brasil. From 01/2014 to 02/2015. Activities: Development and Maintenance of an ERP System, working with VBA, SQL, and direct contact with clients.

Academic Activities

1. **Doctorate’s Research.** FAPESP Fellowship, UNICAMP. From 03/2020 — Present. Project: “Determining relevance of social-media posts for forensic event analysis”. Under supervision Prof. Anderson Rocha’s supervision.
2. **Ph.D. Internship.** Washington University in St. Louis. From 01/2024 – 07/2024. McDonnell International Scholars Academy funded a six-month research internship under Prof. Nathan Jacobs’s supervision.
3. **Ph.D. Internship.** Politecnico di Milano. From 01/2023 – 07/2023. FAPESP funded a six-month research internship under Prof. Paolo Bestagini’s supervision.
4. **Undergraduate Research.** FAPESP Fellowship, UNICAMP. From 11/2018 — 11/2019. Project: Monitoring of events in social networks for data collection, information analysis and temporal synchronization.
5. **Teacher Assistant.** Course of Algorithms and Computer Programming, UNICAMP, 2018.
6. **Teacher Assistant.** Course of Object-oriented programming, UNICAMP, 2017.

Publications

1. B. Lavi, **J. Nascimento**, & A. Rocha, “Semi-Supervised Feature Embedding for Data Sanitization in Real-World Events”, in ICASSP 2021 - 2021 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Toronto, ON, Canada, Jun. 2021.
2. R. Padilha, A. Theóphilo, F. A. Andaló, D. A. Vega-Oliveros, J. P. Cardenuto, G. Bertocco, **J. Nascimento**, J. Yang, & A. Rocha., “A Inteligência Artificial e os desafios da Ciência Forense Digital no século XXI”, Estud. av., Apr. 2021.
3. **J. Nascimento**, J. P. Cardenuto, J. Yang, & A. Rocha, “Few-shot Learning for Multi-modal Social Media Event Filtering”, in WIFS 2022- 2022 IEEE International Workshop on Information Forensics and Security, (WIFS), Shanghai, China, Dec. 2022.

4. D. A. Vega-Oliveros, **J. Nascimento**, B. Lavi, & A. Rocha, “Real-world-events data sifting through ultra-small labeled datasets and graph fusion,” *Applied Soft Computing*, Jan. 2023.
5. J. Yang, **J. Nascimento**, G. Bertocco, A. Theophilo, R. Padilha, A. Soriano Vargas, F. Andalo, & A. Rocha, “AI Knows What You Did Last Summer: Applications in Digital Forensics,” In *Computer Vision: Challenges, Trends, and Opportunities*, May. 2024;
6. J. Nascimento, N. Jacobs, & A. Rocha, “Interactive Event Sifting using Bayesian Graph Neural Networks”. In *2024 IEEE International Workshop on Information Forensics and Security (WIFS)*, Rome, 2024

Awards

2020 Graduated with Distinction - High GPA, UNICAMP.

Other Activities

- **WTD Volunteer:** Assisted in organizing two editions of the Workshop of Thesis and Dissertation (WTD) at Unicamp, managing financial aspects, searching for sponsorships, searching for lecturers, and hosting presentations. (2022-2024)
- **UPA Lecturer:** Presented a lecture about Artificial Intelligence to high-school students at Unicamp de Portas Abertas (UPA). (2024)

Skills

- Experience with programming languages: Python, C, SQL and Java.
- Experience with deep learning framework: Pytorch.
- Proficient knowledge in mathematics and data analysis.

Languages

- **Portuguese:** Native.
- **English:** Full professional proficiency.
- **Italian:** Elementary proficiency.