

1. Full name and date

- Silva do Monte Lima, João Paulo
- Male
- April 7, 2023

2. Date and place of birth, nationality, current residence

- October 14, 1985, Recife, Pernambuco, Brazil
- Brazilian
- Rua Paula Batista, 270 – Apto 1403 – Casa Amarela – 52070-070 – Recife/PE, Brazil

3. Education and degrees awarded

- PhD in Computer Science at Centro de Informática of Universidade Federal de Pernambuco – CIn/UFPE, Brazil, in 2014. Contact: secpos@cin.ufpe.br
- MSc in Computer Science at Centro de Informática of Universidade Federal de Pernambuco – CIn/UFPE, Brazil, in 2010. Contact: secpos@cin.ufpe.br
- BS in Computer Science at Centro de Informática of Universidade Federal de Pernambuco – CIn/UFPE, Brazil, in 2007. Contact: secgrad@cin.ufpe.br

4. Linguistic skills

- Portuguese: mother tongue
- English: Understanding: C1, Speaking: C1, Writing: C1

5. Current position

- Assistant Professor (Professor Adjunto) at Departamento de Computação of Universidade Federal Rural de Pernambuco – DC/UFRPE), since June 2013.
- Research Associate of Voxar Labs research group (www.cin.ufpe.br/voxarlabs) since July 2011.

6. Previous work experience

- Postdoctoral Intern at Laboratory for Image and Media Understanding (LIMU), Kyushu University, Japan, from November 2018 through January 2019.
- System Development Analyst of Serviço Federal de Processamento de Dados (SERPRO) from October 2010 through June 2013.
- Researcher of GRVM – Virtual Reality and Multimedia Research Group from September 2004 through June 2011.

7. **Research funding as well as leadership and supervision**

- Major research funding (grants and appropriations) as principal investigator:
 - CNPq, 2019-2022, R\$ 20,000.00
 - CNPq, 2014-2017, R\$ 16,400.00
- Undergraduate students supervisor:
 - 2015-2022: 6 students enrolled in a scientific initiation program
 - 2010-2022: 9 students producing a final course monography
- Post-graduate students/doctoral students supervisor:
 - 2020-2023: 2 Post-doc supervisor
 - 2014-2022: 2 PhD thesis co-supervisor
 - 2021-current: 4 MSc dissertation co-supervisor (ongoing)
 - 2016-2020: 3 MSc dissertation co-supervisor

8. **Awards, prizes and honours**

- CG/VIS Best Paper of SIBGRAPI 2022 - 35th Conference on Graphics, Patterns and Images
- Best Paper Award of the 22nd Symposium on Virtual and Augmented Reality - SVR 2020
- Honorable mention, poster category, XLIX Brazilian Congress of Agricultural Engineering - CONBEA 2020
- Best Paper Award of the XIII Symposium on Virtual and Augmented Reality - SVR 2018
- ISMAR 2015 Tracking Competition Award (Off-Site Category : Level 3)
- Best Paper Award of the XIII Symposium on Virtual and Augmented Reality - SVR 2011
- Best Paper Award of the IX Symposium on Virtual and Augmented Reality - SVR 2007

9. **Other academic merits**

- General Co-Chair: ISMAR 2020, SIBGRAPI 2020
- Tutorials Chair: SVR 2018-2019
- Program/technical Committee: AAAI 2022, ICPR 2022, ISMAR 2021-2022, Computers & Graphics Journal Track of SVR 2019, SIBGRAPI 2021-2022, SVR 2015-2021, SBGames 2016-2020, WRVA 2014-2015
- Tracking Competition Committee – On-Site Category: ISMAR 2015
- Reviewer for IEEE Access, MDPI Sensors, IEEE Transactions on Industrial Electronics, Expert Systems with Applications, MDPI Remote Sensing, Pattern Recognition, MDPI Applied Sciences, IEEE Robotics and Automation Letters, IEEE Transactions on Visualization and Computer Graphics, Pattern Recognition Letters, MDPI Electronics, Journal of Intelligent & Robotic Systems, Ecological Informatics, MDPI Journal of Imaging, The Visual Computer, Computers & Graphics, Entertainment Computing, Presence journals
- Reviewer for ICRA, WACV, ISMAR, IEEE VR, 3DUI and SUI conferences
- Received a fellowship from CNPq to perform a PhD course at UFPE (2010-2014)
- Received a fellowship from CNPq to perform a MSc course at UFPE (2008-2010)
- 2007-2009: member of the Virtual Reality Experts Committee of the Brazilian Computer Society
- Academic Award (2007), for best overall grade of the Computer Science BS course of Universidade Federal de Pernambuco (Brazil)

10. Scientific and societal impact of research

- Total number of publications:
 - Journals: 18
 - Conference full papers: 45
 - Conference short papers, posters, work-in-progress, research demos: 21
 - Book chapters: 6
- Merits related to the application of research results
 - First place of the 3D tracking in unknown environments - level 3 category of the Offsite Tracking Competition of the XIV International Symposium on Mixed and Augmented Reality – ISMAR 2015 with the SLAM technology (http://ypcex.naist.jp/trakmark/tracking-competition/?page_id=1042)
 - Third place of the high precision tracking - scenario 3 of the Volkswagen Tracking Challenge 2014 of the XIII International Symposium on Mixed and Augmented Reality - ISMAR 2014 with the tracking technology (<https://www.youtube.com/watch?v=HLCYJ0wADQ0>)

Scientific and societal impact of research (10 most important publications)

2022:

1. Machine Vision and Applications: <http://dx.doi.org/10.1007/s00138-022-01323-9>

2021:

2. IEEE Access: <http://dx.doi.org/10.1109/ACCESS.2021.3062817>
3. Expert Systems with Applications: <http://dx.doi.org/10.1016/j.eswa.2021.114736>
4. CVPRW: <http://dx.doi.org/10.1109/CVPRW53098.2021.00135>

2019:

5. MDPI Sensors: <http://dx.doi.org/10.3390/s19010178>
6. MDPI Sensors: <http://dx.doi.org/10.3390/s19173777>
7. Computers & Graphics: <http://dx.doi.org/10.1016/j.cag.2019.09.003>

2018:

8. Computers & Graphics: <http://dx.doi.org/10.1016/j.cag.2018.09.011>
9. ICRA: <http://dx.doi.org/10.1109/ICRA.2018.8460973>
10. WACV: <http://dx.doi.org/10.1109/wacv.2018.00110>