



GUSTAVO NÚÑEZ SEGURA

Dr._ Electrical Engineer

Electrical Engineer specializing in electronics and telecommunications, with a Doctorate in Computer Engineering from the University of São Paulo, where he also earned a master's degree in the same field. He currently serves as Director of the Department of Electronics and Telecommunications and as a professor at the University of Costa Rica. He also has experience as a university lecturer at several institutions. His academic background includes specialization in areas such as cybersecurity, the Internet of Things, and applied research. He has participated in various research projects related to telecommunications systems and technologies, and has published in international journals. His work focuses on electrical engineering and applied computing..



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ACADEMIC BACKGROUND

- **[Present]** Licentiate Degree in University Teaching, Universidad de Costa Rica (UCR).
- **[2013]** Doctorate in Sciences, Department of Electrical Engineering, specialization in Computer Engineering, Universidade de São Paulo.
- **[2004]** Master's Degree in Sciences, Department of Electrical Engineering, specialization in Computer Engineering, Universidade de São Paulo.
- **[1996]** Bachelor's Degree in Electrical Engineering, with emphasis in Electronics and Telecommunications, Universidad de Costa Rica (UCR).

PROFESSIONAL EXPERIENCE

- **[2025–Present]** Director, Department of Electronics and Telecommunications.
- **[2013–2014]** Electrical Engineer.
- **[2019–2024]** Participation in professional consulting projects.

TEACHING EXPERIENCE

- **[2024–Present]** Associate Professor, Department of Electronics and Telecommunications.
- **[2022–2024]** Invited Professor, Department of Electronics and Telecommunications.
- **[2023]** Professor, Professional Master's Program in Cybersecurity.
- **[2018–2020]** Professor, Master's Program in Internet of Things.
- **[2014–2016]** University Lecturer.
- **[2019–Present]** Participation in research projects.

PUBLICATIONS

- **[2021]** Gustavo A. Nunez Segura, Arsenia Chorti, Cintia B. Margi. *Centralized and Distributed Intrusion Detection for Resource-Constrained Wireless SDN Networks*. IEEE Internet of Things Journal, 2021.
- **[2021]** Gustavo A. Nunez Segura and Cintia B. Margi. *Centralized Energy Prediction in Wireless Sensor Networks Leveraged by Software-Defined Networking*. Energies, 2021, 14(17), 5379.
- **[2020]** Gustavo A. Nunez Segura, Arsenia Chorti, Cintia B. Margi. *Multimetric Online Intrusion Detection in Software-Defined Wireless Sensor Networks*. IEEE Latin-American Conference on Communications (LATINCOM), Santo Domingo, Dominican Republic, 2020, pp. 1–6.
- **[2019]** Renan C. A. Alves, Doriedson A. G. Oliveira, Gustavo A. Nunez Segura, Cintia B. Margi. *The Cost of Software-Defining Things: A Scalability Study of Software-Defined Sensor Networks*. IEEE Access, Vol. 7, pp. 115093–115108, 2019.

