Tomás Gomes Silva Serpa Brandão

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Contacts

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Research Interests

- Machine Learning
- Image processing
- Deep learning
- Image analysis and recognition
- Medical imaging
- Remote sensing
- Image quality assessment

Academic Qualifications

University/Institution	Type	Degree	Period
Instituto Superior Técnico - UTL	PhD	Engenharia Electrotécnica e de Computadores	2011
Instituto Superior Técnico - UTL	M.Sc.	Engenharia Electrotécnica e de Computadores	2002
Instituto Superior Técnico - UTL	Licenciate	Engenharia Electrotécnica e de Computadores	1999

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	2º	Development for Internet and Mobile Apps	Bachelor Degree in Computer Science and Business Management;	No
2025/2026	1º	Deep Learning for Computer Vision	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2025/2026	1º	Deep Learning for Computer Vision		Yes
2025/2026	1º	Deep Learning for Computer Vision		Yes
2025/2026	1º	Object Oriented Programming	Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering;	No
2024/2025	2º	Development for Internet and Mobile Apps	Bachelor Degree in Computer Engineering (PL);	No
2024/2025	2º	Deep Learning for Computer Vision	Master Degree in Data Science;	Yes
2024/2025	2º	JavaScript Programming	Post Graduation Program in STEAM Bridge Program;	Yes
2024/2025	1º	Deep Learning for Computer Vision	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2024/2025	1º	Computer Vision and Introduction to Language Models		No
2024/2025	1º	Object Oriented Programming	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	No
2023/2024	2º	Development for Internet and Mobile Apps	Bachelor Degree in Computer Engineering (PL);	No
2023/2024	2º	Deep Learning for Computer Vision	Master Degree in Data Science;	Yes

2023/2024	1º	Deep Learning for Computer Vision	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2023/2024	1º	Object Oriented Programming	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL);	No
2022/2023	2º	Development for Internet and Mobile Apps	Bachelor Degree in Computer Science and Business Management;	No
2022/2023	1º	Deep Learning for Computer Vision	Institutional Degree in Escola de Tecnologias e Arquitetura;	Yes
2022/2023	1º	Object Oriented Programming	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Science and Business Management;	No
2021/2022	2º	Development for Internet and Mobile Apps	Bachelor Degree in Computer Science and Business Management;	No
2021/2022	1º	Business Inteligence Applications		No
2021/2022	1º	Object Oriented Programming	Bachelor Degree in Computer Engineering (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Computer Science and Business Management;	Yes
2020/2021	2º	Object Oriented Programming		Yes
2019/2020	2º	Computer and Operating Systems Fundamentals		Yes
2019/2020	2º	Object Oriented Programming		No
2019/2020	1º	Computer and Operating Systems Fundamentals		Yes
2019/2020	1º	Fundamentals of Computer Architecture	Bachelor Degree in Computer Science and Business Management (PL); Bachelor Degree in Computer Engineering; Bachelor Degree in Telecommunications and Computer Engineering;	No

Supervisions

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Ana Francisca Carvalho de Menezes Duro	Deep learning and transformer arquitectures in the quantification of aortic valve calcification in 3D TEE.	--	Developing	Iscte

2	Gonçalo Ribeiro de Almeida Falcão Paias	Adapting Self-Supervised Foundation Models for Forest Monitoring	--	Developing	Iscte
3	Simão Marques Pereira	Multimodal Deep Learning for Animal Behaviour Recognition Using Audio-Video Representations	--	Developing	Iscte
4	Miguel Ferreira Inácio Do Vale Martins	MoniCrowd - Adaptive system for crowding monitoring using user's devices fingerprinting	--	Developing	Iscte
5	Diogo Alexandre Alonso de Freitas	Visual recognition of idiomatic expressions using multimodal models	--	Developing	Iscte
6	João Pedro Silva Bento	Edge AI: A Mobile Device Case Study in Dermatology	--	Developing	Iscte
7	Marco Delgado Esperança	Detection of AVPU Scale Consciousness Levels on Emergency Triage Videos	English	Developing	Iscte
8	Nuno Travassos Rosário de Jesus Ferreira	Desenvolvimento de sistema para Segmentação e Classificação Automática de Cromossomas	--	Developing	Iscte
9	Paulo Augusto Maia Borges	C.elegans - how can a connectome produce intelligent behaviour?	--	Developing	Iscte
10	Mara Andreia Pimpão Alves	Land cover image segmentation based on sparse annotation	--	Developing	Iscte
11	Gabriel Bonfim de Almeida	Extracting information from images acquired in a fish farming environment	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Gonçalo Miguel Inácio do Amaral Botelho	A Vision-Based System to Guide the Drilling Process in Cork Stopper Production	English	Iscte	2025
2	Rodrigo Miguel Belchiorinho Alves	Visual Monitoring System for Optimizing Table Grape Production	Portuguese	Iscte	2025
3	Gonçalo de Sousa Silva Valério Rosado	Enhancing Financial Trading Strategies: A Study of Convolutional Neural Networks with Feature Selection and Other Machine Learning Techniques	English	Iscte	2025
4	André Pereira de Almeida	Application of Computer Vision Techniques for Tracking Judo Athletes	Portuguese	Iscte	2024

5	José Eduardo da Conceição Correia	Automatic extraction of information from scanned invoices	Portuguese	Iscte	2024
6	João Pedro Tomás Ferreira	Deep Learning for Personal Protection Equipment (PPE) Detection in Real-Life Scenarios	English	Iscte	2024
7	Afonso José Tripa Geraldo	Multi-season deep learning-based land cover classification using satellite images	English	Iscte	2024
8	Rita Seixas Bairros	Deep Learning-Based Calcium Scoring of the Aortic Valve Using 3D TEE: Preliminary Study	English	Iscte	2024
9	Matilde Soares Saraiva	Deep learning-based identification of unmapped roads using remote sensing images	English	Iscte	2024
10	Sara Raquel de Sá Gomes	Automatic Calcium Detection in Echocardiography based on Deep Learning	English	Iscte	2023
11	Gonçalo Filipe Constantino Soares	Detection of garbage outside of the deposition equipment a study onclassification-based and object detection-based computer vision approaches	English	Iscte	2023
12	Francisca Miranda Guedes	Activity detection and classification in public sports spaces	English	Iscte	2023
13	Simão de São José Gregório de Oliveira Frazão Correia	Extracting relevant information regarding customer behaviour from surveillance videos	English	Iscte	2023
14	Sérgio Filipe Paiva da Silva Gonçalves dos Santos	Land Cover Automatic classification using a deep learning technique applied to satellite imagery	English	Iscte	2023
15	Joana Pereira Fogaça	Deep learning-based graffiti detection: a study using images from the streets of Lisbon	English	Iscte	2022
16	Carlos Daniel Simões Jorge Guerra	IoT Home Automation with Mobile Devices Vision	English	Iscte	2022
17	Diogo Alexandre Ferreira Dinis	Image Segmentation of Urban Areas in Forest Spaces	Portuguese	Iscte	2022
18	Afonso Meireles Gonçalves	Wildfire Detection with Deep Learning - A Case Study for the CICLOPE Project	English	Iscte	2022
19	Tiago André Raposo Domingues	Automatic monitoring of diseases and pests in tomato crops	English	Iscte	2022
20	Derick Augusto Évora Piedade	Next generation >200 Gb/s multicore fiber short-reach networks employing machine learning	English	Iscte	2022

21	Sérgio Alexandre Pascoal Valentim	Firearm model identification based on fired bullet cartridges	English	Iscte	2022
22	João Pedro da Silva Fernandes	Augmented reality gamified experienced for children focused on tangible interaction with air pollution data	Portuguese	Iscte	2021
23	Soraia Hermínia Aguiar Afonso Fernandes	Identification of the residues deposited outside the deposition equipment, using video analytics	English	Iscte	2021
24	André Filipe Lopes Maia	Assessing the Emotional Impact of Video using Machine Learning Techniques	English	Iscte	2020
25	Afonso Luís Costa Barbosa da Silva	"Detection of dish manufacturing defects using a deep learning-based approach."	English	Iscte	2020
26	Maria Quintela Cruz	Indoor/outdoor image classification and its representative quality	Portuguese	Iscte	2019
27	Carolina do Carmo Lages Gonçalves	Automatic Recognition of Invasive Plants in Aerial Images	Portuguese	Iscte	2019
28	João Diogo Gameiro Medeiros	Depth Extraction in 3D Holoscopic Images	English	Iscte	2018
29	Francisco Marques Gracias	Recognition of Customer-Product Interactions in Retail Environments	Portuguese	Iscte	2018
30	João Rodrigo Romão Marinho Pinto da Cruz	Deep Learning for Large-Scale Fine-Grained Recognition of Cars	English	Iscte	2018
31	Lourenço de Mértola Belford Correia da Silva	Quality Assessment of 2D Image Rendering for 4D Light Field Content	English	Iscte	2018
32	Luís Jorge Gregório Dias	Detecting Violent Excerpts in Movies using Audio and Video Features	English	Iscte	2016
33	Ricardo José Mascarenhas Almeida	--	Portuguese	Instituto Superior Técnico	2015
34	Adélcio de Jesus Mendes Soares da Rosa	--	Portuguese	Instituto Superior Técnico	2015
35	Miguel Filipe Chan Chin	--	English	Instituto Superior Técnico	2012
36	João Ribas Fernandes	--	English	Instituto Superior Técnico	2012
37	Márcio de Jesus Gonçalves	Ferramenta para a Avaliação Subjectiva da Qualidade de Vídeo	Portuguese	Iscte	2012

38	Bruno Renato de Sousa Rodrigues	--	English	Instituto Superior Técnico	2009
39	Luís Miguel Malveiro Pereira Tomaz Roque	--	English	Instituto Superior Técnico	2008

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Diana Filipa Oliveira Mendes	The Importance of Tourist Accommodation Images on Online Booking Platforms: A Data Driven Approach with Feels Like Home Data	Portuguese	Iscte	2022

Total Citations

Web of Science®	419
Scopus	578

Publications

• Scientific Journals

- Scientific journal paper

1	Elvas, L. B., Gomes, S., Ferreira, J. C., Rosário, L. B. & Brandão, T. (2024). Deep learning for automatic calcium detection in echocardiography. BioData Mining. 17 (1) - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 4
2	Gonçalves, A. M., Brandão, T. & Ferreira, J. C. (2024). Wildfire detection with deep learning—A case study for the CICLOPE project. IEEE Access. 12, 82095-82110 - Times Cited Web of Science®: 11 - Times Cited Scopus: 10 - Times Cited Google Scholar: 16
3	Fernandes, J., Brandão, T., Almeida, S. M. & Santana, P. (2023). An educational game to teach children about air quality using augmented reality and tangible interaction with sensors. International Journal of Environmental Research and Public Health. 20 (5) - Times Cited Web of Science®: 14 - Times Cited Scopus: 14 - Times Cited Google Scholar: 17

4	Fogaça, J., Brandão, T. & Ferreira, J. (2023). Deep learning-based graffiti detection: A study using Images from the streets of Lisbon. Applied Sciences. 13 (4) - Times Cited Web of Science®: 3 - Times Cited Scopus: 4 - Times Cited Google Scholar: 4
5	Mendes, D., Correia, S., Jorge, P., Brandão, T., Arriaga, P. & Nunes, L. (2023). Multi-camera person re-identification based on trajectory data. Applied Sciences. 13 (20) - Times Cited Web of Science®: 3 - Times Cited Scopus: 4 - Times Cited Google Scholar: 6
6	Gonçalves, C., Santana, P., Brandão, T. & Guedes, M. (2022). Automatic detection of Acacia longifolia invasive species based on UAV-acquired aerial imagery. Information Processing in Agriculture. 9 (2), 276-287 - Times Cited Web of Science®: 26 - Times Cited Scopus: 25 - Times Cited Google Scholar: 31
7	Domingues, T., Brandão, T., Ribeiro, R. & Ferreira, J. (2022). Insect detection in sticky trap images of tomato crops using machine learning. Agriculture. 12 (11) - Times Cited Web of Science®: 13 - Times Cited Scopus: 15 - Times Cited Google Scholar: 20
8	Piedade, D., Alves, T. M. F. & Brandão, T. (2022). Short-reach MCF-based systems employing KK Receivers and feedforward neural networks for ICXT mitigation. Photonics. 9 (5) - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 4
9	Brandão, T. & Queluz, M.P. (2010). No-reference quality assessment of H.264/AVC encoded video. IEEE Transactions on Circuits and Systems for Video Technology. 20 (11), 1437-1447 - Times Cited Web of Science®: 78 - Times Cited Scopus: 88 - Times Cited Google Scholar: 127
10	Brandão, T. & Queluz, M.P. (2008). No-reference image quality assessment based on DCT domain statistics. Signal Processing. 88 (4), 822-833 - Times Cited Web of Science®: 135 - Times Cited Scopus: 145 - Times Cited Google Scholar: 223
11	Brandão, T., Queluz, M. P. & Rodrigues, A. (2002). Diversity enhancement of coded spread spectrum video watermarking. Wireless Personal Communications. 23 (1), 93-104 - Times Cited Scopus: 1 - Times Cited Google Scholar: 5

- Review article

1	Domingues, T., Brandão, T. & Ferreira, J. (2022). Machine learning for detection and prediction of crop diseases and pests: A comprehensive survey. Agriculture. 12 (9) - Times Cited Web of Science®: 121 - Times Cited Scopus: 222 - Times Cited Google Scholar: 321

• Books and Book Chapters

- Book chapter

1	Brandão, T. & Queluz, M.P. (2001). On the Use of Error Correction Codes in Spread Spectrum Based Image Watermarking. In Pacific-Rim Conference on Multimedia PCM 2001: Advances in Multimedia Information Processing. (pp. 630-637). - Times Cited Google Scholar: 4

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Peixoto, A., Glória, A., Silva, J. L., Pinto-Albuquerque, M., Brandão, T. & Nunes, L. (2024). Use of programming aids in undergraduate courses. In Santos A.L., Pinto-Albuquerque M. (Ed.), 5th International Computer Programming Education Conference (ICPEC 2024). (pp. 20:1-20:9). Lisboa: Schloss Dagstuhl – Leibniz-Zentrum für Informatik. - Times Cited Google Scholar: 2
2	Gomes, S., Elvas, L. B., Ferreira, J. & Brandão, T. (2023). Automatic calcium detection in echocardiography based on deep learning: A systematic review. In Ajith Abraham, Anu Bajaj, Niketa Gandhi, Ana Maria Madureira, Cengiz Kahraman (Ed.), Innovations in bio-inspired computing and applications: Proceedings of the 13th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2022). (pp. 754-764).: Springer. - Times Cited Google Scholar: 1
3	Alves, T. M. F., Piedade, D., Brandão, T., Rebola, J. L. & Cartaxo, A. V. T. (2023). On the use of Feedforward Neural Networks to improve the intercore crosstalk tolerance in self-coherent MCF systems. In Jaworski, M., and Marciniak, M. (Ed.), 2023 23rd International Conference on Transparent Optical Networks (ICTON). Bucharest, Romania: IEEE. - Times Cited Scopus: 2 - Times Cited Google Scholar: 2
4	Correia, S., Mendes, D., Jorge, P., Brandão, T., Arriaga, P. & Nunes, L. (2023). Occlusion-aware pedestrian detection and tracking. In 2023 30th International Conference on Systems, Signals and Image Processing (IWSSIP). Ohrid, North Macedonia: IEEE. - Times Cited Scopus: 1 - Times Cited Google Scholar: 1
5	Mariano, P., Almeida, S. M., Almeida, A., Correia, C., Martins, V., Moura, J....Santana, P. (2022). An information system for air quality monitoring using mobile sensor networks. In Gini, G., Nijmeijer, H., Burgard, W., and Filev, D. (Ed.), Proceedings of the 19th International Conference on Informatics in Control, Automation and Robotics. (pp. 238-246). Lisboa: SCITEPRESS - Science and Technology Publications. - Times Cited Web of Science®: 2 - Times Cited Scopus: 2 - Times Cited Google Scholar: 3
6	Valentim, S., Fonseca, T., Ferreira, J., Brandão, T., Ribeiro, R. & Nae, S. (2021). Gun model classification based on fired cartridge case head images with siamese networks. In Abraham, A., Gandhi, N., Hanne, T., Hong, T.-P., Nogueira Rios, T., and Ding, W. (Ed.), Intelligent Systems Design and Applications. Lecture Notes in Networks and Systems. (pp. 1281-1291). Virtual, Online: Springer Cham. - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2

7	Baptista, M., Oliveira, B., Chaves, P., Ferreira, J. & Brandão, T. (2019). Improved real-time wildfire detection using a surveillance system. In Proceedings of World Congress on Engineering. (pp. -----).: Newswood Limited. - Times Cited Scopus: 6 - Times Cited Google Scholar: 12
8	Fernandes, J., Queluz, M.P., Brandão, T., Azevedo, F. & Mota, J. G. (2013). Automatic detection of stork nests on VHV towers. In CONFTELE 2013. Castelo Branco
9	Chin, M., Brandão, T. & Queluz, M.P. (2012). Bitstream-based quality metric for packetized transmission of H.264 encoded video. In Markus Rupp, Bernhard Wistawel (Ed.), IWSSIP 2012. (pp. 312-315). Vienna: IEEE. - Times Cited Scopus: 5 - Times Cited Google Scholar: 9
10	Brandão, T., Chin, M. & Queluz, M.P. (2011). From PSNR to perceived quality in H.264 encoded video sequences. In Manuel José Damásio, Gustavo Cardoso, Célia Quico, David Geerts (Ed.), European Interactive TV Conference. (pp. 0-0). Lisboa: COFAC. - Times Cited Google Scholar: 3
11	Brandão, T., Roque, L. & Queluz, M.P. (2009). Quality assessment of H.264/AVC encoded video. In Carlos Salema (Ed.), CONFTELE 2009. (pp. 0-0).: ---. - Times Cited Google Scholar: 10
12	Brandão, T. & Queluz, M. P. (2008). No-reference PSNR estimation algorithm for H.264 encoded video sequences. In 16th European Signal Processing Conference, EUSIPCO 2008. Lausanne: IEEE. - Times Cited Scopus: 14 - Times Cited Google Scholar: 40
13	Yamagiwa, S., Sousa, L. & Brandão, T. (2007). Meta-pipeline: A new execution mechanism for distributed pipeline processing. In Kranzlmüller, D., Schreiner, W., and Volkert, J. (Ed.), 6th International Symposium on Parallel and Distributed Computing (ISPDC'07). Hagenburg, Austria : IEEE. - Times Cited Google Scholar: 8
14	Brandão, T. & Queluz, M.P. (2007). Blind PSNR estimation of video sequences using quantized DCT coefficient data. In Fernando Pereira (Ed.), Picture Coding Symposium (PCS). (pp. 0-0). Lisbon: EURASIP. - Times Cited Google Scholar: 19
15	Brandão, T. & Queluz, M. P. (2007). Blind perceptual quality assessment method for DCT-based encoded images. In 15th European Signal Processing Conference, EUSIPCO 2007. (pp. 154-158).: IEEE. - Times Cited Google Scholar: 1
16	Brandão, T. & Queluz, P. (2006). Towards objective metrics for blind assessment of images quality. In 2006 IEEE International Conference on Image Processing, ICIP 2006. (pp. 2933-2936).: IEEE. - Times Cited Web of Science®: 6 - Times Cited Scopus: 6 - Times Cited Google Scholar: 9
17	Brandão, T. & Queluz, P. (2006). Blind PSNR estimation of video sequences, through non-uniform quantization watermarking. In 3rd International Conference on Image Analysis and Recognition, ICIAR 2006. (pp. 587-599). Povoa de Varzim: Springer. - Times Cited Google Scholar: 2
18	Brandão, T., Sequeira, M. & Albuquerque, M. (2004). Multistage morphology-based license-plate location algorithm. In Fernando Pereira, Paulo Correia (Ed.), WIAMIS 2004. (pp. 0-0).: ---. - Times Cited Google Scholar: 3

19	Queluz, M.P., Brandão, T. & Queluz, M.P. (2002). Signal combining techniques for video watermarking extraction. In 2002 IEEE Workshop on Multimedia Signal Processing. (pp. 347-350). St.Thomas, VI, USA: IEEE. - Times Cited Scopus: 1 - Times Cited Google Scholar: 3
20	Brandão, T., Queluz, M.P. & Queluz, M.P. (2001). Performance improvement of spatial watermarking through efficient non-binary channel coding. In Proceedings of SPIE - The International Society for Optical Engineering. - Times Cited Scopus: 3 - Times Cited Google Scholar: 6

- Talk

1	Mendes, D., Cruz, F. & Brandão, T. (2022). The Importance of Accommodation Images in Online Booking Sites: A Systematic Literature Review. TMS ALGARVE 2022: SUSTAINABILITY CHALLENGES IN TOURISM, HOSPITALITY AND MANAGEMENT.
2	Tiago M. F. Alves, Piedade, D., Brandão, T. & Cartaxo, A. (2022). Direct Detection Weakly Coupled Multicore Fiber Systems Impaired by ICXT. IX Seminar in Multi Gigabit Optical Networks.
3	Valentim, S., Fonseca, T., Ferreira, J., Brandão, T., Ribeiro, R. & Nae, S. (2021). Gun model classification based on fired cartridge case head images with Siamese Networks. International Conference on Intelligent Systems Design and Applications (ISDA).
4	Dias, L., Brandão, T. & Batista, F. (2016). Detecting violence on movie excerpts - A machine-learning approach based on audio and video features. INForum 2016. --, -----
5	Queluz, M.P., Fernandes, J., Brandão, T., Azevedo, F. & Mota, J. G. (2013). Automatic detection of stork nests on VHV towers. CONFTELE 2013.
6	Chin, M., Brandão, T. & Queluz, M.P. (2012). Bitstream-based quality metric for packetized transmission of H.264 encoded video. IWSSIP 2012. 312-315
7	Brandão, T., Chin, M. & Queluz, M.P. (2011). From PSNR to perceived quality in H.264 encoded video sequences. EUROITV 2011.
8	Brandão, T. & Queluz, M.P. (2010). No-reference perceptual quality metric for H.264/AVC encoded video. International Workshop on Video Processing and Quality Metrics for Consumer Electronics. - Times Cited Google Scholar: 7
9	Yamagiwa, S., Sousa, L. & Brandão, T. (2007). Meta-pipeline: a new execution mechanism for distributed pipeline processing. International Symposium on Parallel and Distributed Computing. - Times Cited Scopus: 3

• Other Publications

- Other publications

1	Brandão, T., Elvas, L. B., Ferreira, J. & Brandão, T. (2023). Automatic Calcium Detection in Echocardiography Based on Deep Learning: A Systematic Review. Innovations in Bio-Inspired Computing and Applications.

- Report

1	Brandão, T., Queluz, M.P. & Silva, L. (2015). Frame Freeze - Detecção e Quantificação Automática de Tramas Paradas.
2	Brandão, T. & Queluz, M.P. (2015). ColorGamut – Detecção de valores ilegais nas componentes de cor.
3	Brandão, T. & Queluz, M.P. (2015). Blur – Quantificação da suavização dos contornos.
4	Brandão, T. & Queluz, M.P. (2013). Degradação da qualidade de vídeo digital: causas e modelos de avaliação objectivos.

Research Projects

Project Title	Role in Project	Partners	Period
Adaptive system for crowding monitoring using user's devices fingerprinting	Researcher	IT-Iscte, ISTAR-Iscte (SSE), IT - Leader (Portugal)	2024 - 2026
Master's Degree of Managing Digital Transformation in the Health Sector	Researcher	Iscte - Leader, LAUREA - (Finland), AUTH - (Greece), UNI EIFFEL - (France), IT-IUL - (Portugal), Clinipower - (Finland), Whymob - (Portugal), MundiConsulting - (Portugal)	2023 - 2026
Image and Video Data Analytics	Researcher	ISTAR-Iscte (SSE)	2021 - 2022
Smart Commercial Spaces	Researcher	ISTAR-Iscte (SCM), CIS-Iscte, Axians - Leader (Portugal), SONAE - (Portugal)	2021 - 2023
Ballistics classification system	Researcher	ISTAR-Iscte (SSE), PJ - Leader (Portugal), INOV - (Portugal)	2021
MOG-QC on the GO - Desenvolvimento de um sistema integrado de controlo da qualidade de conteúdos audiovisuais	Researcher	IT-Iscte (MSP-IUL)	2013 - 2015
Radio resource optimization in third generation mobile systems	Researcher	IT-Iscte	2000 - 2004

Academic Management Positions

Coordenador do 2º Ano (2023 - 2024)
Unit/Area: Bachelor Degree in Computer Science and Business Management

Coordenador do 2º Ano (2023 - 2024)
Unit/Area: Bachelor Degree in Computer Science and Business Management (PL)

Vice-Presidente (2023 - 2025)
Unit/Area: Comissão Pedagógica

Vice-Presidente (2021 - 2023)
Unit/Area: Comissão Pedagógica

Coordenador do 2º Ano (2021 - 2023)
Unit/Area: Bachelor Degree in Computer Science and Business Management (PL)

Coordenador do 2º Ano (2021 - 2023)
Unit/Area: Bachelor Degree in Computer Science and Business Management

Coordenador do 1º Ano (2021)
Unit/Area: Bachelor Degree in Computer Engineering (PL)

Membro (Docente) (2021 - 2023)
Unit/Area: Comissão Pedagógica

Coordenador do 1º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Computer Engineering (PL)

Coordenador do 1º Ano (2019 - 2021)
Unit/Area: Bachelor Degree in Computer Engineering

Coordenador do 1º Ano (2018 - 2019)
Unit/Area: Bachelor Degree in Computer Engineering

Coordenador do 1º Ano (2018 - 2019)
Unit/Area: Bachelor Degree in Computer Engineering (PL)

Membro (Docente) (2017 - 2021)
Unit/Area: Comissão Pedagógica

Vice-Presidente (2017 - 2019)
Unit/Area: Comissão Pedagógica

Membro (Docente) (2017 - 2019)
Unit/Area: Comissão Pedagógica

Membro (Docente) (2017 - 2019)
Unit/Area: Plenário do Conselho Pedagógico

Vice-Presidente (2015 - 2017)
Unit/Area: Comissão Pedagógica

Membro (Docente) (2015 - 2017)
Unit/Area: Plenário do Conselho Pedagógico