

Curriculum Vitae

Ana Margarida de Jesus Cardoso Cachopo

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PERSONAL DATA

Date of Birth: February 15th, 1971
Nationality: Portuguese
Work Address: Técnico Lisboa
Av. Rovisco Pais, N° 1
1049-001 Lisboa
Portugal
E-mail: acardoso@tecnico.ulisboa.pt
Homepage: <http://web.ist.utl.pt/acardoso/>

ACADEMIC DEGREES

- 2007** • PhD in Information Systems and Computer Engineering, by Técnico Lisboa, University of Lisbon, with a thesis entitled "Improving Methods for Single-label Text Categorization".
- 1997** • Master in Electrical and Computer Engineering, major in Computer Science, by Técnico Lisboa, University of Lisbon. Concluded the curricular part with an average of 5 (in a maximum of 5) and presented a dissertation entitled "Revisão Adaptativa de Crenças" ("Permissive Belief Revision").
- 1994** • 5-year degree in Information Systems and Computer Engineering, by Técnico Lisboa, University of Lisbon, with the final average of 16 (in a maximum of 20).

LANGUAGES

- Portuguese:** • Mother language.
- English:** • Excellent oral and written understanding, very good speaking and writing production. First Certificate in English, graded A in 1989.
- Italian:** • Good oral and written understanding, reasonable speaking production. Studied Italian at the “Istituto Italiano di Cultura in Portogallo” (4 levels, graded A, between 1998 and 2000).
- French:** • Good oral and written understanding, reasonable speaking production. Studied French for three years in middle school (seventh to ninth grades).
- Spanish:** • Good oral and written understanding, reasonable speaking production.

ACADEMIC ACTIVITY

Teaching Functions

- 2013–2014** • Invited Assistant Professor at Técnico Lisboa, Department of Computer Science and Engineering, Artificial Intelligence Group.
- 2007–2013** • Assistant Professor at Técnico Lisboa, Department of Computer Science and Engineering, Artificial Intelligence Group.
- 1998–2007** • Lecturer at Técnico Lisboa, Department of Computer Science and Engineering, Artificial Intelligence Group.
- 1997–1998** • Lecturer at Técnico Lisboa, Department of Mechanical Engineering, Systems Unit, Artificial Intelligence Group.
- 1994–1997** • Trainee Lecturer at Técnico Lisboa, Department of Mechanical Engineering, Systems Unit, Artificial Intelligence Group.
- 1992–1994** • Teaching Assistant at Técnico Lisboa, Department of Mechanical Engineering, Systems Unit, Artificial Intelligence Group.

Teaching Activities

- Logic for Programming, Técnico Lisboa, (8 semesters, between 2007/2008 and 2013/2014).
- Foundations of Programming, Técnico Lisboa, (6 semesters, between 2006/2007 and 2013/2014).
- Object Oriented Programming, Técnico Lisboa, (1 semester, in 2013/2014).

ACADEMIC ACTIVITY(CONTINUED)

- Knowledge Representation and Reasoning, Técnico Lisboa, (3 semesters, between 2009/2010 and 2011/2012).
- Natural Language, Técnico Lisboa, (3 semesters, between 1994/1995 and 1996/1997).
- Knowledge Representation, Técnico Lisboa, (11 semesters, between 1992/1993 and 2006/2007).
- Introduction to Programming, Técnico Lisboa, (5 semesters, between 1992/1993 and 1998/1999).
- Artificial Intelligence, Técnico Lisboa, (2 semesters, between 1992/1993 and 1993/1994).

Teaching Publications

- Ana Cardoso-Cachopo. Exercícios para as aulas práticas de Lógica para Programação, School years 2007/2008–2013/2014. Exercises for the practical classes of “Logic for Programming”, 32 pages.
- Ana Cardoso-Cachopo. Soluções dos “Exercícios para as aulas práticas de Lógica para Programação”, School years 2007/2008–2013/2014. Exercise solutions for “Exercícios para as aulas práticas de Lógica para Programação”, 172 pages.
- Ana Cardoso-Cachopo. Resumo das Aulas Práticas de Programação com Objectos, School year 2013/2014. Summary of the practical classes of Object Oriented Programming, 38 pages.
- Ana Cardoso-Cachopo. Exercícios para as aulas práticas de Representação do Conhecimento e Raciocínio, School years 2009/2010–2011/2012. Exercises for the practical classes of “Knowledge Representation and Reasoning”, 43 pages.
- Ana Cardoso-Cachopo. Soluções dos “Exercícios para as aulas práticas de Representação do Conhecimento e Raciocínio”, School years 2009/2010–2011/2012. Exercise solutions for “Exercícios para as aulas práticas de Representação do Conhecimento e Raciocínio”, 87 pages.
- Ana Cardoso-Cachopo. Exercícios para as aulas práticas de Representação do Conhecimento - Vol II, School years 2004/2005–2006/2007. Exercises for the practical classes of “Knowledge Representation” - second volume, 32 pages.
- Ana Cardoso-Cachopo. Soluções dos “Exercícios para as aulas práticas de Representação do Conhecimento - Vol II”, School years 2004/2005–2006/2007. Exercise solutions for “Exercícios de Representação do Conhecimento - Vol II”, 146 pages.

ACADEMIC ACTIVITY(CONTINUED)

- Ana Cardoso-Cachopo, Helena Sofia Pinto, and João Pavão Martins. Exercícios de Representação do Conhecimento - Vol I, 2004. Exercises for the practical classes of "Knowledge Representation" - first volume, 56 pages.
- Ana Cardoso-Cachopo. Soluções dos "Exercícios de Representação do Conhecimento - Vol I", 2004, 2006. Exercise solutions for "Exercícios de Representação do Conhecimento - Vol I", 155 pages.
- Ana Cardoso-Cachopo. Trabalhos de Avaliação da Cadeira de Introdução à Programação, School year 1998/1999. Exercises for the practical classes of "Introduction to Programming", 31 pages.
- Ana Cardoso-Cachopo. Aulas práticas da cadeira de Introdução à Programação, School year 1998/1999. Exercise solutions for "Trabalhos de Avaliação da Cadeira de Introdução à Programação", 73 pages.
- Fausto Almeida, João Cachopo, Ana Cardoso-Cachopo, António Menezes Leitão, Rui Neves, H. Sofia Pinto, and Pedro A. Matos. Exercícios Resolvidos, Introdução à Programação Usando o Pascal, 1994, 1997. Edited by Pedro A. Matos. Solved exercises in Pascal, for the practical classes of "Introduction to Programming". 310 pages.

RESEARCH ACTIVITIES

Research Functions

- 1992–2014 • Researcher in the Artificial Intelligence Group, Instituto de Engenharia Mecânica (IDMEC).
- 2003–2007 • Invited Researcher in the ALGOS Group, Instituto de Engenharia de Sistemas e Computadores Investigação e Desenvolvimento (INESC-ID).

Reviewer

- 2009 • Reviewer for the "Information Processing & Management Journal".
- 2009 • Reviewer for the "International Journal of Information Technology & Decision Making" (IJITDM).
- 2009 • Reviewer for the "The International Conference on Advanced Data Mining and Applications" (ADMA'2009), Beijing, China.
- 2006 • Reviewer for the "Thirteenth International Symposium on String Processing and Information Retrieval" (SPIRE'2006), Glasgow, UK.
- 2005 • Reviewer for the "Twelfth International Symposium on String Processing and Information Retrieval" (SPIRE'2005), Buenos Aires, Argentina.

RESEARCH ACTIVITIES(CONTINUED)

- 2003 • Reviewer for the “Tenth International Symposium on String Processing and Information Retrieval” (SPIRE’2003), Manaus, Brazil.
- 2003 • Reviewer for the “Fourth International Workshop on Extraction of Knowledge from Data Bases” (EKBD’2003), Beja, Portugal.
- 1995 • Reviewer for the “Seventh Portuguese Conference on Artificial Intelligence” (EPIA’95), Madeira, Portugal.

Conference Attendance

- 2007 • “The Twenty Second Annual ACM Symposium on Applied Computing, Special Track on Information Access and Retrieval” (ACM SAC’2007 — IAR), Seoul, South Korea.
- 2007 • “First European Workshop on Latent Semantic Analysis in Technology Enhanced Learning” (EWLSATEL’2007), Heerlen, The Netherlands.
- 2007 • “First International Workshop on Teaching and Learning of Information Retrieval” (TLIR’2007), London, UK.
- 2003 • “Tenth International Symposium on String Processing and Information Retrieval” (SPIRE’2003), Manaus, Brazil.
- 2002 • “Ninth International Symposium on String Processing and Information Retrieval” (SPIRE’2002), Lisbon, Portugal.
- 2001 • “Fourth International Symposium on Intelligent Data Analysis” (IDA’2001), Lisbon, Portugal.
- 1996 • “Primeiro Encontro de Engenharia Informática e de Computadores” (EEIC’96), Tomar, Portugal.
- 1995 • “Seventh Portuguese Conference on Artificial Intelligence” (EPIA’95), Madeira, Portugal.
- 1995 • “Fourteenth International Joint Conference on Artificial Intelligence” (IJ-CAI’95), Montréal, Canada.
- 1993 • “Second International Workshop on Logic Programming and Non-Monotonic Reasoning” (LPNMR’93), Lisbon, Portugal.

School Participation

- 1998 • “Sexta Escola Avançada de Inteligência Artificial” (EAIA’92), Caminha, Portugal.

RESEARCH ACTIVITIES(CONTINUED)

- 1992 • “Terceira Escola Avançada de Inteligência Artificial” (EAIA’92), Azores, Portugal.

Conference Papers

- 2007 • Ana Cardoso-Cachopo and Arlindo L. Oliveira. Semi-supervised Single-label Text Categorization using Centroid-based Classifiers. In *The Twenty Second Annual ACM Symposium on Applied Computing, Special Track on Information Access and Retrieval (ACM SAC’2007 — IAR)*, pages 844–851, Seoul, South Korea, 2007.
- 2003 • Ana Cardoso-Cachopo and Arlindo L. Oliveira. An Empirical Comparison of Text Categorization Methods. In *Tenth International Symposium on String Processing and Information Retrieval (SPIRE’2003)*, number 2857 in LNCS, pages 183–196, Manaus, Brazil, 2003. Springer-Verlag.
- 2001 • Maria R. Cravo, João Cachopo, Ana Cardoso-Cachopo, and João Pavão Martins. Permissive Belief Revision. In *Progress in Artificial Intelligence, 10th Portuguese International Conference on Artificial Intelligence (EPIA’2001)*, number 2258 in LNAI, Oporto, Portugal, 2001. Springer-Verlag.

Workshop Papers

- 2007 • Ana Cardoso-Cachopo and Arlindo Oliveira. Combining LSI with other Classifiers to Improve Accuracy of Single-label Text Categorization. In *First European Workshop on Latent Semantic Analysis in Technology Enhanced Learning (EWLSA-TEL’2007)*, Heerlen, The Netherlands, 2007.
- Pável Calado, Ana Cardoso-Cachopo, and Arlindo Oliveira. IR-BASE: An Integrated Framework for the Research and Teaching of Information Retrieval Technologies. In *First International Workshop on Teaching and Learning of Information Retrieval (TLIR’2007)*, London, UK, 2007.
- 1999 • Maria R. Cravo, João Cachopo, Ana Cardoso-Cachopo, and João Pavão Martins. Permissive Belief Revision (preliminary report). In *Third Workshop on Non-monotonic Reasoning, Action, and Change, Sixteenth International Joint Conference on Artificial Intelligence (IJCAI’99)*, Stockholm, Sweden, 1999.

Other Publications

- 2007 • Ana Cardoso-Cachopo. Improving Methods for Single-label Text Categorization. PdD Thesis, Técnico Lisboa, University of Lisbon, 2007.
- 2006 • Ana Cardoso-Cachopo and Arlindo L. Oliveira. Empirical Evaluation of Centroid-based Models for Single-label Text Categorization. Technical Report 7/2006, INESC-ID, 2006.
- 1997 • Ana Cardoso-Cachopo. Revisão Adaptativa de Crenças. Masters Thesis, Técnico Lisboa, University of Lisbon, 1997.
- 1996 • João Cachopo and Ana Cardoso-Cachopo. Nota de leitura: Quine e Ullian - The Web of Belief. *Disputatio, Revista semestral de filosofia analítica*, 1(1), 1996.
- 1994 • João Cachopo and Ana Cardoso. LEP: (meta-)Lógica de Especificação de Preferências. Final Year Project, Técnico Lisboa, University of Lisbon, 1994.

PROFESSIONAL ACTIVITY

Professional Functions

- 2010 • Mobility coordinator for IST's Department of Computer Science and Engineering.
- 2009–2013 • Tutor teacher for IST's Department of Computer Science and Engineering.
- 2003–2010 • Coordinator of the vigilancies of exams for IST's Department of Computer Science and Engineering.
- 2007–2008 • Coordinator of the vigilancy module for the web application Fénix, developed by Instituto Superior Técnico's Computer Centre (CIIST).
- 1998–2000 • Coordinator of the vigilancies of exams for IST's Department of Computer Science and Engineering.
- 1990–1994 • Member of "Junitec — Júnior Empresas do Instituto Superior Técnico," participating in several projects of the Hypermedia group, for which she was responsible.

Professional courses teaching

- 1994 • Taught the module on "Pascal Programming" in the course "Técnicos de Informática" provided by ADIST (Association for the development of IST).
- 1992 • Taught on the course "Developing Software for Management Activities", a 900-hour "Apple Developers School" course provided by Junitec — Júnior Empresas do Instituto Superior Técnico.

Professional Associations

- 1995–2014 • Member of APPIA — Portuguese Association for Artificial Intelligence.