

EUROPEAN
CURRICULUM VITAE
FORMAT



JOB REFERENCE NUMBER

PERSONAL INFORMATION

Name

Address

Telephone

Fax

E-mail

Nationality

Date of birth

Gender

WORK EXPERIENCE

ACADEMIC WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

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- Occupation or position held
- Main activities and responsibilities

- Dates (from – to)

[CALDAS, Alexandre]

[Rua do Progresso, n.º 31 – 3.º Esq., 2070-085 CARTAXO, PORTUGAL]

+351 (243) 77 98 80 - +351 (96) 328 23 66

+351 (243) 704 772

alexandre.caldas@ceger.gov.pt

Portuguese

[25th of September, 1972]

MALE

1st January 2007 –

Universidade Atlântica

Fábrica da Pólvora – Barcarena – LISBOA – PORTUGAL

University

Visiting Assistant Professor

Director of the Department of Systems Management and Computer Science

1st April 2005 – September 2008

Oxford Internet Institute – University of Oxford

One St. Giles – OX1 3GS OXFORD – UNITED KINGDOM

University

Faculty Research Associate

Research associate within the fields of Webmetrics, Information and Communication Technologies, e-Science, e-Government, and Internet Indicators

1st October 2005 – 30th September 2006

London School of Economics and Political Science – Department of Media and Communications, Portugal Street – LONDON – UNITED KINGDOM

University

Visiting Assistant Professor

Visiting lecturer of the course MC413 - New Media, Information and Knowledge Systems - Masters of Science Degree on Global Media and Communications

14th April 2004 – 30th October 2005

Oxford Internet Institute – University of Oxford

One St. Giles – OX1 3GS OXFORD – UNITED KINGDOM

University

Faculty Research Fellow

Teaching on the Master course for Politics and International Relations; and PhD Summer Doctoral Programme on Information and Communication Technologies; and Research within the fields of Webmetrics, Information and Communication Technologies, e-Science, e-Productivity and e-Government and Internet Indicators

1st October 1999 – 13th January 2004

For more information go to

www.scienceineurope.net/acaldas



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 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities
 - Dates (from – to)

SPRU – Science and Technology Policy Research – University of Sussex

Christopher Freeman Building - University of Sussex – UNITED KINGDOM

University

Doctoral candidate (as a Doctoral Fellow funded by PRAXIS fellowship)

Doctoral Programme on Science and Technology Policy – Information and Communication Technologies

1st October 1998 – 30th September 1999

Universidade Atlântica

Fábrica da Pólvora – Barcarena – LISBOA – PORTUGAL

University - - Private Higher Education

Visiting Lecturer (Professor Adjunto Convocado)

Seminar on Internet Technologies and Transactional Systems

1st October 1997 – 30th September 1999

ISTEC – Instituto Superior de Tecnologias Avançadas

– Chelas – LISBOA – PORTUGAL

University – Private Higher Education

Assistant Professor (Professor Adjunto)

Chair on 1st Degree Courses on Multimedia Engineering and Informatics

OTHER PROFESSIONAL WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities
 - Dates (from – to)
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 - Occupation or position held
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- Main activities and responsibilities
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- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities
 - Dates (from – to)

26th May 2006 -

CEGER – Management Centre for the Electronic Government Network

Presidency of the Council of Ministers

Rua Almeida Brandão, 7 – 1200 - 602 LISBOA – PORTUGAL

Government

Director-General and President of the Portuguese State Entity for Electronic Certification

Director-General on e-Government

14th June 2006 -

ECEE – Portuguese Entity for Electronic Certification

Presidency of the Council of Ministers

Rua Almeida Brandão, 7 – 1200 - 602 LISBOA – PORTUGAL

Government

President of the Portuguese Entity for Electronic Certification

Management and representative of the Portuguese Public Key Infrastructure

7th November 2005 – 25th May 2006

CEGER – Management Centre for the Electronic Government Network

Presidency of the Council of Ministers

Rua Almeida Brandão, 7 – 1200 - 602 LISBOA – PORTUGAL

Government

Deputy Director-General

Deputy Director-General on e-Government

1st September 2002 – 30th August 2004

TagusValley – Science and Technology Park

Alferrarede – ABRANTES – PORTUGAL

Private - Science and Technology Management

Executive Director

Director and CEO of the Science and Technology Park

23rd September 1998 – 30th October 2005

T Media – Tecnologias da Informação e Comunicação, Lda.

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

Rua Nova do Soares, R/C Loja 4 – 2070-110 - CARTAXO – PORTUGAL
 Business – ICT company
 Executive Director
 Director and CEO of Cienciapt.net and ScienceinEurope.net Projects

- Dates (from – to)
- Name and address of employer

1st September 2002 – 30th August 2004
NERSANT – Business Association of the Region of Santarém
 – TORRES NOVAS – PORTUGAL

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

Private – Information and Communication Technology Management
 Executive Director
 Director and CEO of the Ribatejo Digital Project – 2,5 million euros regional e-Business project

- Dates (from – to)
- Name and address of employer

14th October 1994 – 31st December 1999
Foundation for Science and Technology – Ministry of Science and Technology
 Av. D. Carlos 1.º, 126 – 1200 LISBOA – PORTUGAL

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

Public Administration – Ministry of Science and Technology
 Information and Communication Technology Specialist
 ICT Coordinator for the Programmes and Projects Services Department

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1st September 1999 – 13th January 2004
SPRU – Science and Technology Policy Research – University of Sussex
 Christopher Freeman Building - University of Sussex – UNITED KINGDOM
 University

- Level in national classification (if appropriate)

Doctor of Philosophy – Science and Technology Policy – Information and Communication Technology
 Doctorate – Science and Technology Policy (funded by PRAXIS fellowship)

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification (if appropriate)

1st October 1994 – 15th April 1997
ISEG – Instituto Superior de Economia e Gestão – Universidade Técnica de Lisboa
 Rua Miguel Lupi – 1200 LISBOA – PORTUGAL
 University

Master – Economics and Management of Science and Technology – Information Systems
 Master – Economics and Management of Science and Technology – Information Systems

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification (if appropriate)

1st September 1990 – 31st July 1994
ISEG – Instituto Superior de Economia e Gestão – Universidade Técnica de Lisboa
 Rua Miguel Lupi – 1200 LISBOA – PORTUGAL
 University

Degree in Economics
 Degree in Economics

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

PORTUGUESE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

- Reading skills
- Writing skills
- Verbal skills

- Reading skills
- Writing skills
- Verbal skills

- Reading skills
- Writing skills
- Verbal skills

SOCIAL SKILLS

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANISATIONAL SKILLS

AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS

AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

ARTISTIC SKILLS

AND COMPETENCES

Music, writing, design, etc.

OTHER SKILLS

AND COMPETENCES

Competences not mentioned above.

DRIVING LICENCE(S)

ADDITIONAL INFORMATION

ANNEXES

ENGLISH

Excellent

Excellent

Excellent

FRENCH

Good

Good

Good

SPANISH

Excellent

Good

Good

DUTCH

Basic

Basic

Basic

A natural preference for International environments and dynamic and challenging projects.

Information and Communication Technology Management as an Expert in the Academic sector as well as in the Professional (public and Private sectors).

Strong reading and writing habits. A passion for the History of Science and Technology.

Leadership and Project Coordination

...various coordination projects it has been responsible for...

Human resource management

...learning by doing in the various projects and wide experience in Science and Technology positions.

Information and Communication technology Expert with more than 13 years experience in the national and international arena as well as in the public and private sectors.

- Member of Expert Panel on eGovernment (Barriers to eGovernment Project, OII, Oxford)

- Member of Internet Preservation Consortium (www.preserve.org)

A preference for Classic Music (but without Any – At ALL – artistic skills)

- Member of the Computer Society (CS)

- Member of the Association for Computer Machinery (ACM)

- Member of the Institute for Electric and Electronic Engineers (IEEE)

REFERENCES: Professor William Dutton (Oxford Internet Institute, University of Oxford)

Professor Robin Mansell (London School of Economics, New Media and Communications)

Mr. José Eduardo Carvalho (NERSANT – Business Association of Santarém)

Mrs. Maria de Fátima Biscaia (Foundation for Science and Technology)

LIST OF ACADEMIC PUBLICATIONS, BOOKS, REFEREED SEMINARS AND CONFERENCES AND RESEARCH AND TECHNOLOGY PROJECTS

SELECTED INTERNATIONAL REFEREED PUBLICATIONS

- Caldas, A., Schroeder, R., Mesch, G. and Dutton, W. (forthcoming) Patterns of Information Search and Access on the World Wide Web. Journal of Computer-mediated Communication. Special Issue: 'The Social, Political, Economic and Cultural Dimensions of Search Engines' Eszter Hargittai (ed.).

- Caldas, A. (2005) On the Web Structure and Digital Knowledge Bases. On-line and Off-line Connections in Science. In: C.Hine (ed.) New Infrastructures for Knowledge Production: Understanding e-Science (Information Science Publishing: Hershey, PA).

- Caldas, Alexandre (2003). "Are Newsgroups extending Invisible Colleges into the Digital Infrastructure of Science?", *Economics of Innovation and New Technology* -Special Issue on Collaborative Technologies and the Economics of Collaborative Research, Volume 12, n.º 1 (February 2003)

Caldas, A., David, P.A. and Ormanidhi, O. (2005) [Digital information network technologies, organisational performance and productivity](#). Report for Cisco-funded project: '[Internet and productivity in public services: innovative pathways for e-government](#)' (Oxford Internet Institute).

In Press for Publication

Caldas, Alexandre (in press). "The Formation and Evolution of Inter-disciplinary Science", Accepted for publication in

Caldas, Alexandre (in press). "On the Structure and Content of Newsgroups", Accepted for publication in *Cybermetrics – International Journal of Informetrics, Bibliometrics and Scientometrics*

Caldas, Alexandre (in press). "Indicators and Taxonomies for Newsgroups", Accepted for publication in *Cybermetrics – International Journal of Informetrics, Bibliometrics and Scientometrics*

Caldas, Alexandre (in press). "The Winner Structure it All", Aceite para publicação em *Research Policy*

ACADEMIC BOOKS

Caldas, Alexandre (2004). *On the Structure of Electronic Scientific Communication. Research Collaboration, Electronic Networks and the Discovery of Digital Knowledge Bases*, Non-Published Doctoral Thesis: SPRU, Science and Technology Policy Research, University of Sussex, United Kingdom, 2004

Caldas, Alexandre (1997). *Modelo Conceptual de um Sistema de Informação Nacional de Projectos de Investigação Científica e Tecnológica*, Non-Published Master Thesis: ISEG, Instituto Superior de Economia e Gestão, Technical University of Lisbon, Portugal, 1997

OTHER PUBLISHED BOOKS

Caldas, Alexandre (2005). *Ciência Outlook 2004 – Rumo à Sociedade do Conhecimento. Edição da Cienciametrics, Lda. Lisboa : 2005*

REFEREED COMMUNICATIONS IN INTERNATIONAL SYMPOSIA AND CONFERENCES

Caldas, Alexandre (2006). A Infra-estrutura de Chaves Públicas do Estado. Proceedings of SINO 2006, Segurança Informática nas Organizações, University of Aveiro, 10th October 2006

Caldas, Alexandre and J. Carlos (2006). Security Barriers to e-Government. *Oxford Internet Institute Workshop on the Breaking Barriers to e-Government*, Helsinki, Finland, 23rd November 2006.

Caldas, Alexandre (2005). Oxford Internet Institute WEBCasts: Academic Seminars: Universities' Prestige Offline and Online - Most Prestigious Universities on the Web – Alexandre Caldas:
http://webcast.oii.ox.ac.uk/?view=Webcast&ID=20051019_103

Caldas, Alexandre (2005). Internet Guide to Social Networks and Social Network Analysis. Seminar discussion at the Oxford Internet Institute, Wednesday, 25th May 2005

Caldas, Alexandre (2005). : *On the Origins of the Internet Species and Complexity*. Proceedings of the *Massachusetts Institute of Technology – Oxford Internet Institute Workshop on Social Research on Emerging Technologies*, University of Oxford, United Kingdom, 15-16 April 2005

R. Schroeder, A. Caldas, G. Mesch, W. Dutton (2005) 'The [World Wide Web of Science: Reconfiguring Access to Information](#)'
Proceedings at the annual conference of The National Centre for e-Social Science in 2005, in the session 'Social Shaping of e-Research', Manchester

Jankowski, Nicholas and A. Caldas (2004) e-Science: Principles, Projects and Possibilities for Communication and Internet Studies, Paper Presented at 'E'tmaal van de Communicatiewetenschap', University of Twente, The Netherlands, 18-19th November 2004

Caldas, Alexandre and N. Jankowski (2004) Proceedings da AoIR-ASIST 2004 Workshop on Web Science Research Methods, University of Sussex, United Kingdom, 19th September 2004: [Internet Connections in Science: The Discovery of Digital Knowledge Bases](#).

Caldas, Alexandre (2003). Information, Communication and Society Symposia 2003, Oxford – United Kingdom, 18 – 21 September 2003, Oxford Internet Institute – OII – University of Oxford, *Digital Knowledge Bases*.

Caldas, Alexandre (2002). Conference NPRnet – SPRU – 2002, SPRU – UK, 21 – 23 March 2002
Electronic In-Visible Colleges and the Dynamics of Research Networks. Bits of Knowledge in Digital Space.
Internet: <http://www.researchineurope.org>

Caldas, Alexandre (2002). DRUID Winter Conference 2002 - Aalborg – Denmark, 17 – 19 January of 2002
Danish Research Unit in Industrial Dynamics – DRUID; *on the webmetrics of Newsgroups and the formation of Electronic Invisible Colleges. The dynamics of the Speech Scientific and Technical Community*
Internet: <http://www.druid.dk/conferences/winter2002.htm>

Caldas, Alexandre (2000). Conference CRIS. Paper presented in Helsinki, Finland - May 2000, (CE - DGXIII)
Learning from Users. The Emergence of Knowledge Oriented Current Research Networked Systems.
Internet: <http://www.cordis.lu/cris2000/src/speakers.htm>

Caldas, Alexandre (1998). Conference CRIS. Paper presented in Luxembourg, Março 1998, (CE - DGXIII),
Current research information systems in Portugal: presentation of a case-study.
Internet: <http://www.cordis.lu/cybercafe/src/caldas.htm>

SELECTED REFEREED COMMUNICATIONS IN NATIONAL SYMPOSIA AND CONFERENCES

Caldas, Alexandre (2007). Governo Electrónico: O Procedimento Legislativo, a Desmaterialização e Segurança Electrónica. Conferência: A Gestão de Conteúdos e Processos, INA e Partner Solutions, *Centro Cultural de Belém*, Lisboa, Portugal, 12th April 2007.

Caldas, Alexandre (2007). Inovação Tecnológica e Projectos de Governo Electrónico. *Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa*, MADANPARQUE, Portugal, 28th February 2007.

Caldas, Alexandre (2006). As Redes Tecnológicas e os Territórios da Inovação em Portugal e no Mundo. National Conference: Lição de Sapiência. *Instituto Politécnico de Santarém*, Santarém, Portugal, 6th June 2006.

Caldas, Alexandre (2006). A Rede do Governo e os Paradigmas Internacionais de Governo Electrónico. *Instituto de Informática*, Proceedings da Conferência ERSI 2006: A Governança dos Sistemas e Tecnologias de Informação, Ericeira, Portugal, 23rd March 2006.

Caldas, Alexandre (2005). Educação para a Inovação: 5 Medidas de Política Científica de DESCONTINUIDADE na Educação para a Inovação em Portugal. University of Aveiro, INNOV8, Aveiro, Portugal, 24th June 2005.

WORKING BOOKS, PAPERS AND AWAITING REFEREE

BOOKS

Caldas, Alexandre (2007). **Governo Electrónico em Portugal e na Europa. Paradigmas Internacionais do e-Government**, 2007

Caldas, Alexandre (2007). **WEBMETRICS: A New Science for Understanding the Internet**, 2007

PAPERS

- Caldas, Alexandre (2007). Challenges in Long-term Archiving and Preservation of Government Information. Working Paper Discussed in Proceedings of the Workshop "Preserving and Archiving Government Information in Digital Networks", held at the Oxford Internet Institute, University of Oxford, 16th October 2007

- Meyers, Eric, Caldas, Alexandre, et. al (2007). Report of the Workshop "Preserving and Archiving Government Information in Digital Networks", held at the Oxford Internet Institute, University of Oxford, 16th October 2007

- Caldas, Alexandre (2007). "World Universities on the Web. On the Shoulders of Giants?", to be submitted to *Science*, 2007

- Caldas, Alexandre (2007). Prestígio e Ranking das Universidades no Mundo: Off-Line e On-Line. São as Universidades mais prestigiadas no Mundo também as mais prestigiadas na Web? – Parte I, *Revista Mundus*, Janeiro de 2007

- Caldas, Alexandre (2007). Prestígio e Ranking das Universidades no Mundo: Off-Line e On-Line. São as Universidades mais prestigiadas no Mundo também as mais prestigiadas na Web? – Parte II, *Revista Mundus*, Fevereiro de 2007

- Caldas, Alexandre (WP). The Electronic Frontiers of e-Science...and beyond, Working paper. Proposal for Theme Issue *Journal of Computer-Mediated Communication*. Edited by Nicholas Jankowski. e-Science in the Social Sciences: Reflections on a Scientific Transformation

- Caldas, Alexandre, David, P.A. and Ormanidhi, O. (WP). A Socio-Technical Model of Technology Adoption and Public Services Productivity - Innovative Pathways for European e-Government, Working paper

- Caldas, Alexandre, David, P.A. and Ormanidhi, O. (WP). How different is "Technology Diffusion and Adoption" in Networked Public Services? - Innovative Pathways for European e-Government, Working paper

SUPERVISION OF POST-GRADUATE MASTER OF SCIENCES THESIS

London School of Economics and Political Science – Department of Media and Communications
(United Kingdom), August-December 2006

18 August 2006

Degree of Master of Sciences in Global Media and Communications

- ***Mobile Internet or Mobile Misnomer*** – *A Quantitative Analysis of Mobile Internet Adoption in the UK from the User Perspective.*

David Sobel, Candidate Number: 15756; Mark: DISTINCTION

18 August 2006

Degree of Master of Sciences in Global Media and Communications

- ***A close look on the media image Of Takeshi Kaneshiro*** – *Globalization discourse of entertainment industry in East Asian.*

Candidate Number: 14714; Mark: PASS

September 2006

Degree of Master of Sciences in Global Media and Communications

- ***Social Interaction on Wikipedia.org*** – *A Social Network Analysis of Article Talk Pages*

Nick, Candidate Number: 11784; Mark: DISTINCTION

Instituto Superior de Economia e Gestão – Universidade Técnica de Lisboa
(Portugal), September 2005

Degree of Master of Sciences in Management of Information and Communication Technologies

- ***Standards de Interoperabilidade na Administração Pública em Portugal.*** – *Simulação Computacional*

Candidate: Miguel Oliveira; Mark: DISTINCTION

SELECTED RESEARCH PROJECTS

- ***Internet and e-Productivity in Public Services. Innovation Trajectories for e-Government in Europe, Principal Researcher for R&D project funded by CISCO América (United Kingdom)***

Dr. Alexandre Caldas (OII – University of Oxford)

Prof. Paul David (OII – University of Oxford, University of Stanford, USA); (July 2004 – October 2005)

- ***The World Wide Web of Science*** – *Reshaping Access to Global Knowledge*

- ***ESRC–e-Social Science*** Research fellow in project funded by the **Economic and Social Research Council (United Kingdom)**, Dr. Ralph Schroeder (OII – University of Oxford)

Dr. Alexandre Caldas (OII – University of Oxford)

Professor Bill Dutton (OII – University of Oxford)

From September 2004 – April 2005

- ***Science Foresight Project 10 years- Expert Co-Cotation Analysis***

Research Assistant for DERA/MoD **Ministry of Defence (United Kingdom)**

Dra. Teresa Grow (DERA – Agency for Research and Evaluation in Defence)

Dr Sylvan Katz (SPRU– University of Sussex)

January - December 2001

- ***Experimental Development of an Expert Tourist Routing System*** – **Region of Santarém - Portugal.**

Operations Research Heuristics and Algorithms; project funded by **Agência de Inovação - Portugal**

