

Curriculum Vitae

Carlos André Manta de Oliveira
25th September 2006,

Biographical Data:

Name: Carlos André Manta de Oliveira
Birth Date: 13/12/77
I.D.: 11033921 from 28/01/2005
Passport: F – 128570 (Portugal)
Nationality: Portuguese (E.U. citizenship)
Marital Status: Single
Driving License: P-1096093 from 30/09/96 - DGV - Porto
Home Address: Rua de Codeçais 400 **Other contact:** Rua Irene Lisboa, 84
4415-199 Pedroso 4465-656 Leça do Balio
PORTUGAL PORTUGAL
Phone number: +351 229552481 (home) +351 917139827 (mobile)
E-mail: carlos.oliveira@gmx.net

Academic Qualifications:

2005 – Today *Faculdade de Engenharia da Universidade do Porto (Portugal)*
PhD. in Electrical and Computer Engineering
(*Digital Image Processing – Texture Defect Detection*)

1999 – 2000 *University of Manchester Institute of Science and Technology (U.K.)*
M.Sc. Electronic Instrumentation Systems
❖ (graduated with Distinction – top 10% of class)

1995 – 2000 *Faculdade de Engenharia da Universidade do Porto (Portugal)*
Licenciatura in Electrical and Computer Engineering
(the fifth year is replaced by an Erasmus Exchange in Manchester)
Grade attained – 17/20
❖ Eng. Cristiano P. Spratley Award (best graduate in Elect. and Comp. Eng.)
❖ Eng. António de Almeida Award (final grade exceeding 16/20)
❖ Attained Academic Merit Scholarship in the academic year 1996/1997

1992 – 1995 *Escola Secundaria Fontes Pereira de Melo*
(Fontes Pereira de Melo Secondary School, Porto, Portugal)
Mathematics – 19/20, Physics – 19/20, Technical Drawing – 19/20

Professional Experience:

November 2000 – December 2004 *Hilti AG*
Research Engineer (Mechatronics group)
Integration of electronics for control and communication.
Evaluation of new business opportunities.

November 1998 – July 1999 *Instituto de Engenharia Biomédica*
(Biomedical Engineering Institute)
Research Trainee (involving SQL and Access programming)

October 1997 – July 1998 *Banco Português do Atlântico*
Technical Assistant in Homebanking software

Pedagogical Activities:

July 2006 *Univ. Júnior (U. Porto)* Summer Courses for University Candidates

March - June 2006 Analytical Mathematics II Tutor (*Fac. Eng. Univ. Porto*)

November 2005 - February 2006 Analytical Mathematics I Tutor (*Fac. Eng. Univ. Porto*)

September - November 2005 Mathematics Tutor “Projecto FEUP” (*Fac. Eng. Univ. Porto*)

July 2005 *Univ. Júnior (U. Porto)* Summer Courses for University Candidates

Patents:

- EP 1 466 702 A1 – Control of a Power Tool (Published 13 October 2004)

Conferences:

- ICIAR2006 – International Conference on Image Analysis and Recognition – Póvoa do Varzim, Portugal
- EUROMICRO 2005 – Conference on Digital System Design – Porto, Portugal

Additional Skills:

Additional Education:

- Tutor Training, “Projecto FEUP”, September 2005, FEUP
- Pedagogy for Teenager Groups, June 2005, FPCEUP (Faculty of Psychology)
- “Quantitative Image Processing in Characterization of Material Microstructures”, May 2005, CEMUP
- “MMM – Minding Marketing Management”, introduction to Marketing, October 2003, Hilti
- “MPM – Managing Project Management”, February 2003, GAF
- Persönlichkeit Training – Personal Behaviour Profile – October 2002, DISG
- Powerspeech – Successful Presentation Skills – January 2002, GAF
- “CIM – Computer Integrated Manufacturing” – August 1999, CIM Centre, Porto (Portugal)
- “Sky Week” – Astronomy course lecture by Russian ex-Cosmonauts, November 1998 Ljubljana (Slovenia)
- “DISCO – Distributed Systems Cooperation” August 1998, Tampere University of Technology (Finland)

Software Knowledge:

- Operating systems: Ms-DOS, MS-Windows, Unix, and Linux.
- Programming languages: Basic, Pascal, Delphi, C, C++, Matlab, Simulink, DSPACE.
- User: Microsoft Office (Word, Excel, PowerPoint, Access), Orcad, Electronic Workbench.

Language Qualifications:

- Certificate of Proficiency in English from The University of Cambridge.
- Certificate of Advanced English from The University of Cambridge.
- First Certificate in English from The University of Cambridge.
- *Zentrale Mittelstufenprüfung*, from Goethe Institute.
- *Zertifikat Deutsch*, from Goethe Institute.
- Studied French in Secondary School (intermediate level)
- Spanish fluently spoken and fairly written

Extra-curricular activities:

- I.E.E.E. Member 46176295 – The Institute of Electrical and Electronics Engineers
- Co-Organiser of “CIM – Computer Integrated Manufacturing” (responsible for logistics)
- Webmaster of Porto Local BEST Group – October 1998 / February 1999
- Secretary of Porto Local BEST Group – March 1999 – August 1999
- Webmaster and Organizer of “In.net” – Group for Integration of Foreign Students – local (Porto) delegation of E.S.N. Erasmus Student Network – September 1998 – July 1999
- Degree Committee Representative Electrical and Electronic Engineering 1995-2000

Interests:

Sport – Jogging; Frisbee; Martial Arts; Squash; Basketball; Handball.

Computing – Internet, HTML WebPages construction, software creation, Mobile computing.

Literature – I have a general interest, specifically in Science Fiction.

References:

Available upon request.