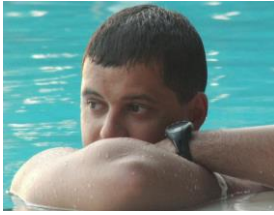


## PERSONAL INFORMATION



## Helder Silva

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✉ [silvah15.consultant@gmail.com](mailto:silvah15.consultant@gmail.com)

🌐 [www.heldersilva.com](http://www.heldersilva.com)

Sex Male | Date of birth 04/11/1975 | Nationality Portuguese

## WORK EXPERIENCE

February 2006 - Now

### Head of Space Software and Embedded Systems

EDISOFT, Empresa de Serviços de Desenvolvimento de Software, S.A – Portugal

- Leader of AEROS Constellation (Cubesat for ocean models), MIT Portugal flagship program.
- Project Manager of Triton-X satellite (satellite actuators, sensors and power control unit)
- Development of a Real-Time Operating System for Satellites (RTEMS Improvement)
- Project Manager, Team Leader, Product Owner and Scrum Master projects (RTEMS SMP Qualification, RTEMS Qualification Extensions, RTEMS LEON Upgrade and RTEMS CENTRE)
- Development of Electrical Ground Support Equipment for Satellites
- Support World Wide Space Missions (Galileo FOC, SmallGEO, KOMPSAT 6, PLATO, Exomars ...)

Business or sector Space

August 2004 – February 2006

### Chief Executive Officer

Sputnik, Software e Tecnologias Lda - Portugal

- Development of Control Systems for Aircrafts
- Participation in European projects to support Start-Ups (SUN&SUP)

Business or sector Avionics

November 1998 – August 2004

### Project Leader of Aeronautical Projects

Skysoft Portugal, S.A., Portugal

- Team leading and development of several devices for Air Traffic Management (3FMS, ISAWARE, SDLS-2, TALIS and ARMAS)
- Software Development Outsourcing in Alcatel (A1340)

Business or sector Air Traffic Management

## EDUCATION AND TRAINING

September 2007 – September 2009

### MBA - Master Business and Administration

Instituto Superior de Economia e Gestão da Universidade Técnica de Lisboa

2003 – 2004

### Masters in Informatics Engineering (Lectures) in Artificial Intelligence

Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa

1999 – 2000

### Masters in Electronics and Computers (Lectures) in Control and Robotics

Instituto Superior Técnico da Universidade Técnica de Lisboa

1993 – 1998

### Five years degree in Aerospace Engineering

Instituto Superior Técnico da Universidade Técnica de Lisboa

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
International English Language Testing System (IELTS) by the British Council					

Communication skills

- Presentations in several international conferences
- Managing/Leading international projects

Organisational / managerial skills

- Training in leadership, personal communication, performance, coaching, team work and project manager
- High performance companies
- Team leading
- Negotiation academy

Job-related skills

- Artificial Intelligence (Fast Artificial Neural Network, Deep Learning 4 Java and Octave)
- Programming in C, Java (J2SE and J2EE) and C++
- Computer Platforms: i386, SPARC and ARM
- Operating Systems: Real-Time Operating Systems, Linux, Windows and Solaris
- Microsoft Office (including Microsoft Project)
- Applications Designer using UML (Unified Modelling Language)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
Replace with name of ICT-certificates				

- Certified Project Management Associate by the International Project Management Association
- [Certified ScrumMaster by Scrum Alliance](#)
- Training in [DO-178B](#) and [DO-254](#)
- Quality auditor (SCAMPI B) for the [CMMI level 3](#) and [ISO 9901 quality auditor](#)

Other skills

- Karate & Swimming Knowledge

Driving licence

- A & B

Conferences

- Several papers in [DASIA](#), [IAC](#), [4Simposium](#) and [INFORUM Conferences](#)