

## Luís Barreto

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### **SUMMARY OF QUALIFICATIONS**

- PhD in Electronics and Informatics at the Instituto de Telecomunicações (IT), University of Aveiro, Portugal
  - Theme: Wireless Networks Congestion Protocols
- Master in Informatics - specialized in Wireless Network Security - Faculty of Science of the Oporto University
- Degree in Computer and Electrotechnic Engineering - Faculty of Engineering of the Oporto University
- Cisco Network Professional (CCNP)
- Has published several articles regarding wireless networking security, wireless mobile health applications and long life learning:
  - Barreto L., Vilaça A., Viana C., “Netstart- Achieving new abilities with ICT”, IMCL- Interactive Mobile and Computer Learning International Conference 2008, 16-18 April 2008, Princess Sumaya University, Amman, Jordânia.
  - Ferreira A., Barreto L., Brandão P., Correia R., Sargento S., Antunes L., 2007, “A secure wireless architecture to access a virtual electronic patient record”, IEEE Transactions on Information Technology in Biomedicine 2006
  - Barreto L., Sargento S., 2005, “Avaliação do Desempenho de Sistemas de Segurança com Suporte de WPA”, “WPA Security Systems Performance Evaluation”, CRC2005, IPP, Portalegre, Portugal.
  - Barreto L., Sargento S., 2005, “Comparação do Desempenho entre Sistemas de Segurança com Suporte de WPA e IPSec”, “Performance comparison between WPA and IPSec Systems”, SINO2005, Covilhã, UBI, Portugal.
- Has Participated, as a speaker, in the following conferences:
  - Interactive Mobile and Computer Learning – IMCL, Princess Sumaya University, Amman, Jordan
  - iLearning Forum 2008, Paris, France
  - PROLIX Open Research Workshop, included in the EC-TEL 2007 Conference, Greece
  - CRC2005, Portalegre, Portugal

## **RELEVANT EXPERIENCE**

- Network manager and developer
- Network equipment management and configuration
- Opensource tools manager and developer
- IT manager
- Web master
- IT security development and manager

## **EMPLOYMENT**

- Vice-President of the direction board of the Business Science Superior School, of the Polytechnic University of Viana do Castelo (IPVC)
- Teacher of IT and Networking subjects at the Business Science Superior School- IPVC
- Director of the Business Computing Course
- Network manager and IT manager of all the network, equipment and IT systems of that School.
- Telecommunications Field Engineer