LLUIS CARRERAS GONZALEZ

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in www.linkedin.com/in/lluiscarrerasgonzalez   ○ https://github.com/LluisCarreras

EDUCATION

2017-	Currently studying a **MSC degree in DATA SCIENCE** Universitat Oberta de Catalunya (UOC)
2012-	Currently studying a **BSc degree in COMPUTER SCIENCE** Universitat Oberta de Catalunya (UOC)
1998-2002	**BSc degree in ELECTRONICS ENGINEERING** Universitat Autònoma de Barcelona (UAB) 196.5 ECTS GPA = 3.38
1994-2000	**BSc degree in PHYSICS** Universitat Autònoma de Barcelona (UAB) 310.5 ECTS GPA = 3.26

PUBLICATIONS

- F. Campabadal, J. Ll. Carreras, E. Cabruja
  Flip-chip packaging of piezoresistive pressure sensors
  Sensors and Actuators A: Physical, vol 132(1), pp. 415-419 (2006)

- F. Martín, F. Falcone, J. Bonache, T. Lopetegi, M.A.G. Laso, J.L. Carreras and M. Sorolla
  New Electromagnetic Bandgap Nonlinear Coplanar Waveguide
  Microwave and Optical Technology Letters, vol 37(6), pp. 397-400 (2003)

- F. Martín, J.L. Carreras, J. Bonache, F. Falcone, T. Lopetegi, M.A.G. Laso and M. Sorolla
  Frequency Tuning in Electromagnetic Bandgap Nonlinear Transmission Lines
  Electronics Letters, vol. 39(5), pp. 440-442 (2003)

COMPUTER SKILLS

Python	R	Java	HTML	CSS	SQL	Django	PostgreSQL
Windows	LINUX	Machine Learning		Data Science			

LANGUAGES

- **Spanish:** Mother language

- **Catalan:** Mother language

- **English:** Working language

  TOEFL (iBT):   Total: 99/120

  Reading: 30/30 - Listening: 23/30 - Speaking: 22/30 - Writing: 24/30

WORK EXPERIENCE

2010- **Safety Engineer. Menorca airport**:
- Management of the Airport Emergency Plan (AEP) and Operational Safety.
- Responsible for the training to all the airport working teams on the AEP.
- Responsible for the organization and management of emergency drills.
- Study and implementation of technical reports.

2017-2017 **Intern. Mabrian. Menorca:**
- Internship related to de BSc degree in Computer Science I'm currently studying.
- Experience in: Python, Django, PostgreSQL, Bootstrap, HTML, CSS, Artificial Intelligence, Machine Learning, Linux.

2005-2010 **Air Traffic Safety Electronics Personnel (ATSEP). Menorca and Barcelona airports:**
- Maintenance and supervision of air traffic safety electronic systems.

2004-2004 **Researcher and Test Engineer. Venture Electronics. Barcelona:**
- Prototype testing of large-format printers.
- Design and development of test procedures.
- Test programming (TCL/TK, Visual Basic).

2001-2004 **Researcher and Lab Engineer. IMB-CNM (Microelectronics Institute of Barcelona):**
- Development of automated measure setups by means of TCL/TK instrumentation programming on LINUX.
- Research on silicon piezoresistive sensors technology.
- Design and development of circuit prototypes.
- Development of measurement procedures and technical reports.

2001-2001 **Software Developer. Cap Gemini Ernst & Young. Barcelona:**
- Development and test of software applications for IT projects.
- Programming in Java, Javascript and HTML.
- Development of Java functions with thorough mathematical requirements.

REFERENCES

- Prof. Dr. **Ferran Martín Antolín**
  Fellow IEEE
  Full Professor of Electronics
  ICREA Academia Researcher
  Director of the Parc de Recerca UAB – Santander Technology Transfer Chair
  Director of CIMITEC
  Head of the GEMMA Group

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- Dr. **Francesca Campabadal Segura**
  Professor of Research

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