

Jorge Peña Queralta

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Born 14.02.1994, Spanish Citizen

Education

- 09/16 - 07/18 **MSc (Tech) in Information and Communication Technology** [University of Turku, Finland](#)
Major in Embedded Electronics.
- 09/16 - 07/18 **M. Eng. in Electronics Engineering** [Fudan University, Shanghai, China](#)
Major in Electronics and Communication Engineering.
- 09/11 - 02/16 **BSc in Physics Engineering** [Universitat Politècnica de Catalunya - CFIS, Barcelona, Spain](#)
Thesis (together with Mathematics degree): Design and construction of small autonomous robots
- 09/11 - 02/16 **BSc in Mathematics** [Universitat Politècnica de Catalunya - CFIS, Barcelona, Spain](#)

Language Skills

Spanish	Mother tongue	English	Full professional proficiency
Catalan	Mother tongue	Chinese	A2 (Mandarin)

Current Position

- 08/18 - *present* **Project Researcher** [Department of Future Technologies, University of Turku](#)
 Researcher in the Turku Intelligent Embedded and Robotic Systems (TIERS) Group.

Work Experience

- 11/18 - 12/20 **Robotics Consultant | Developer | Industrial Manipulators** [Codator Oy, Finland](#)
 Part time robotics developer for industrial manipulators (freelancer).
- 06/16 - 08/16 **Junior Multimedia Developer & Machine Learning Researcher** [Psyche Interactive, Whitchurch, UK](#)
 Machine learning solutions for classification of videos and text. Full-stack web developer.
- 09/15 - 02/16 **Enterprise Risk Services - IT Consultant - Assistant** [Deloitte Spain, Barcelona, Spain](#)
 Information Security (ISO27001). Disaster Recovery Plans. Financial risks.
- 06/14 - 09/14 **Software Developer & Algorithm Engineer** [BaseTIS, Barcelona, Spain](#)
 Java programmer. Development of large-scale graph visualization algorithms (web).

Academic Experience

- Lecturing** Main lecturer and responsible for the course program in the following advanced courses (master level) at UTU: Perception and Navigation in Robotics; Robotics and Autonomous Systems. Co-lecturer in: Hardware Accelerators for Robotics and AI; System Modeling and Synthesis with HDL (also in Fudan University, China).
- Supervision** Supervised in total 10 master students out of which 4 being the principal supervisor. Currently (January 2022) supervising 3 international master students.

Awards and Prizes

- 2020 **Finnish Foundation for Technology Promotion Grant**
- 2020 **Nokia Scholarship - Nokia Foundation Grant**
- 2019 **Nokia Scholarship - Nokia Foundation Grant**
- 2019 **2nd Prize (Team) in JDD Global Digitalization Challenge, Autonomous Driving Competition**