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Pedro Luis Mateo Navarro

RPA & QA Automation Lead. PhD in Software Quality & Users QoE



QUICK VIEW

Born in 1984, I am Computer Science engineer since 2007 and PhD in Software Quality since 2014. I have 12+ year experience both in Academy and SW companies. Last 3 years I have been leading a QA and Automation team and produced more than 80 RPA bots and hundreds of automated test cases for clients of different sectors.

- Languages: spanish (native), english (fluent), german (A1 cert.)
- Management: RPA/Test Automation team (up to 13 people), Project QA Strategy
- Development: Python, C++, Qt, Java, UiPath, Powershell, Selenium, MDE
- Research & Innovation: HCI, QoE, SW Testing, SW Modeling, GIS

EXPERIENCE

{SEP'16-PRESENT} **Capgemini, Murcia** – *RPA, Test automation and QA Lead*

- Lead of Automation, Efficiency and Quality team (up to 13 people)
- **RPA** Business Analyst + Solution architect + Technical referent
- **RPA** Developed 80+ bots saving ~20k hours/year for Energy, Banking and Insurance sectors by using UiPath, PowerShell and Python
- **RPA** Design of execution and monitoring platform + spaces for collaboration between bots and human workers
- **QA** Test Management + QA Automation
- **QA** Design of test strategy + follow-up / Code quality improvement plans (Sonar-CAST)
- **QA** Developed more than 500 test cases mainly for Retail and Services sectors by using Cucumber-Selenium and HP-UFT/ALM/Jira

{DIC'08-AUG'16} **Cátedra SAES, University of Murcia** – *Innovation Lead*

- Full-stack engineer doing research and innovation in QA, UX and HCI tools
- **Dev** C++, Qt, Data Visualization – Real time applications for Military purposes
- **Dev** GIS, Javascript, Leaflet, Python, Selenium – Map-based web applications
- **Dev** Java, Android – Other innovative applications
- **Research** GUI testing, QoE, UX, User Multimodal Interaction, MDE, SW Agile Prototyping
- **Teaching** HTML5, CSS3, Javascript, PHP

{FEB'11-JUL'11} **Telekom Innovation Labs, Berlin** – *Research assistant*

- Modeling and assessment of Quality of Multimodal Human-Computer Interaction
- **Research** Multimodal interaction, Models, Analysis, Evaluation, Tools
- **Dev** Android, Java, MDE, User experiments – Applications for research

{MAY'07-JUL'12} **Cátedra SAES, University of Murcia** – *SW Development*

- Software Architecture & Back-end/Front-end Development
- **Dev** C++, Qt, iLog, Linux, Windows Embedded – Applications for Military sector

EDUCATION

{2009-2014} **PhD in Computer Science** – *University of Murcia, Spain*

- “Enhancing Software Quality & QoE through User Interfaces”
- **Honors:** Graduated Summa Cum Laude + International mention

{2009-2010} **Master degree in AITT** – *University of Murcia, Spain*

- Master degree in “Advanced Information and Telematic Technologies” including networks, sensors, mobile applications, AI, knowledge management, etc.
- **M. Thesis:** “A Framework for Aspect-Oriented GUI Data Verification”

{2009} **Official Teaching Certificate** – *University of Murcia, Spain*

- Teaching skills specialized in scientific and technical education

{2002-2007} **Computer Science Engineering** – *University of Murcia, Spain*

- **Specialization:** SW development, networks, e-business, knowledge management
- **Honors:** Graduated Cum Laude. Outstanding Graduate of the Year Award

Others

- {2019} Certified RPA Solution Architect / Business Analyst (UiPath, Inc.)
- {2019} Certified SAFe® 4 Agilist (Scaled Agile, Inc.)
- {2018} Certified DASA DevOps Fundamentals (APMG International)
- {2014} Certified Human-Computer Interaction (Coursera, Univ. California)

AWARDS

- ★ {2012} Best paper award in CENTRIC 2012, Lisbon (Portugal). ([link](#))
- ★ {2007} Graduated Magna Cum Laude in 5-year Computer Engineering degree.
- ★ {2005} Outstanding Graduate in 3-year Computer Engineering degree.
- ★ {2006} South West Europe Regional ACM Programming contestant (Lisbon, PT)

OTHER SKILLS & INTERESTS

Soft-skills leadership, mentoring, team spirit, autodidactic, multicultural teams

Others european driving license for cars and motorbikes

Professional interests open-source, AI, SW robotics, interaction quality, users experience, adaptive software, systems design

Personal interests friends+family, sport, nature, DIY, clean energy, music, play guitar, travel

LINKS

- Personal website: <http://www.pedromateo.es>
- Linkedin: <https://www.linkedin.com/in/pedro-luis-mateo-navarro-7232423b>
- Github: <http://github.com/pedromateo>
- Publications: <http://scholar.google.es/citations?user=6QYKmR0AAAAJ>
- ResearchGate: http://www.researchgate.net/profile/Pedro_Mateo_Navarro
- Youtube: <http://www.youtube.com/user/CatedraSaesUmu>