Patricia E. Miguel

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CAREER PROFILE

Software Engineer (back-end focused) with a diverse background in **quality assurance** (automation and manual testing), **university-level teaching**, and **educational content creation**. Skilled in **Python** and **C#**, with a passion for **teaching**, **public speaking**, and **creating engaging technical content**. Strong **communication skills** (fluent in English and Spanish), **leadership experience** (from community projects), and a proven ability to **explain complex technical concepts** to diverse audiences. A combination of technical expertise with a creative, collaborative approach to software development and education.

EXPERIENCES

- **Ssr***. Fullstack Software Developer* (Feb 2024 – present) at Tu tutú (www.linkedin.com/company/tu-tutu/)
Project: Middle-Sea (insurance broker).
Tools used: .Net framework 4.7.2, C#, NUnit, SQL Server, NHibernate, Javascript, JQuery, Bootstrap, Azure DevOps.
Responsibilities: Develop features and introduce required changes in the various platforms the broker uses, both in their intranet and client-facing. Integrate third-party APIs from insurance companies. Unit testing. Manage test environment deployment.
Agile methodology (scrum / kanban). Web applications. 100% Remote.

- **Backend** *Software Engineer* (Jul 2021 – Apr 2023) at Intive (www.intive.com)
Project: "Shippo" (a Shippo multi-carrier shipping platform for e-commerce).
Tools used: Python, Django, PostgreSQL, Docker, AWS, Postman, Git, Bitbucket, CircleCI, Linux.
Responsibilities: Back-end developer. Integrate courier APIs (both REST and SOAP) into the Shippo product. Bug-fixing. Unit and integration tests.
Agile methodology (scrum). Web application. 100% Remote.

- **Senior** *QA Analyst* (Apr 2018 – Jul 2021) at Intive (www.intive.com)
Project: "Digital Workspace" (a Sabre Corporation GDS).
Tools used: Jira, TestCafe (Javascript automation framework), Git, Rally, HP ALM.
Responsibilities: Create and automate test cases, refine user stories, advise on clarification of business logic details for implementation, execution of tests on web, desktop and mobile applications, create and manage defect reports, coaching peers.
Automated and manual testing. Agile methodology (scrum, kanban). Desktop/web/mobile environments. 100% Remote.

- **Quality Engineer** (Mar 2011 – Mar 2018) at Clarolab (www.clarolab.com)

Projects: "Jive" (a Jive Software social networking platform for business applications), Sharepoint-based intranet (a Threewill project for AT&T USA), "Jama Contour" (a Jama Software platform for development & engineering process).

Tools used: Selenium webdriver, Robot Framework (on Java), Python, Git, Stash, Jenkins, Linux, Jira, TestRail, Web Accessibility Evaluation Tool, CodeSniffer, Firebug, JAWS and NVDA screenreaders.

Responsibilities: Functional testing, technical customer support, test case creation and manual execution, accessibility testing, UX analysis, some test automation and maintenance, database interaction, test environment maintenance. Live-testing of the Image Gallery app during Jive World 2012.

Agile methodology (scrum). Web application testing. Hybrid.

- **Freelance *tester*** *(Jun 2013 – Jul 2015) at Utest (utest.com), remote crowdsourcing (tester ID 95308, username "patr1c1a")*

Responsibilities: Functional and internationalization testing. Find and report issues. Execute test cases.

Projects include: Netflix, YouTube, MalwareBytes, King.com, Yandex, Crackle, CBS Interactive, Time Warner Residential, Autodesk, Concur, 123D Design Online, Snapfish UK, 3-Wheel, WatchDox, Acquia, among others.

Tools used: Logcat for Android, multiple OS (Win 7, Win 8.1, Ubuntu, Android), multiple desktop and mobile browsers (IE 6-9, Safari, Chrome, Firefox, Opera), Drupal, Bug Reporter (Android), SpeedTest.net (Android), screenshot/video tools.

Highest rating achieved: "gold rated" Software QA in both functional and internationalization areas.

Web, desktop and mobile testing. 100% Remote.

- **Programming Teacher** (Mar 2010 – Dec 2019) at UNNOBA university (www.unnoba.edu.ar)

Positions: Teaching Assistant, pro bono, from 2010 to 2014. Teacher (lab instructor) from 2014 to 2019.

Responsibilities: Teach classes. Deliver tailored teaching activities to students. Create teaching resources and exams. Grading exams and deliverables. Facilitate student learning and help them solve programming problems and logical reasoning exercises. On site.

Courses: "Introduction to Imperative Programming", "Imperative Programming", Freshmen introductory course.

Languages taught: Python, C++, Pascal.

Grants awarded: research at Rey Juan Carlos University (Madrid, Spain, March 2017).

On site (Junín, Buenos Aires).

EDUCATION

- **Bachelor of Information Systems (Licenciatura en Sistemas)** — UNNOBA, Argentina (2022). 5-year program, equivalent to a Bachelor's degree in Information Systems.
- **Associate Degree in Systems Analysis (Analista de Sistemas)** — UNNOBA, Argentina (2014). 3-year Intermediate Degree.
- **Diploma** in Computer Programming (Programador Universitario) — UNNOBA (2014). 2-year Technical Program.
- **Bachelor** of Laws (Abogacía) and Specialization in Notarial Practice (Escribanía) — UNLP (2008). 5-year program and 1-year postgraduate program.

PUBLIC TALKS
Public talks and workshops where I participated as a speaker or instructor.

- **Instructor during the 2021 summer workshop** at "Club de Chicas Programadoras" (www.chicasprogramadoras.club)

An introduction to programming aimed at girls aged 13-17, with the intention of inspiring young women to get involved in technology. Tools and technologies used: Scratch, HTML/CSS, MIT App Inventor.
6 online sessions.

- *"Using **Postman to test an API**" at online event: "Jump! Conference" (www.vamosalajump.com)*

As a current software developer and a former senior QA engineer, I participated in this talk aimed at professionals that were starting their career path.
Youtube link: https://youtu.be/MLN2ub61bnk?t=7234

LANGUAGES

- English (Fluent)
- Spanish (Native)

INTERESTS

Creating educational content, singing (choir member), tango dancing, history enthusiast, ex-Rotaract and Rotary Club member for over 20 years.