Matias Daniel Guerrero

SYSTEMS ENGINEER

CONTACT

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RESUME

I am passionate about technological innovation and dedicated to professional growth. I am a dynamic and responsible person, capable of working both collaboratively and independently. My professional goal is to develop technological solutions for challenging projects.

EDUCATION

PhD in Computer Science
UNCPBA - Tandil, Arg.
04/2023 - Present

Systems engineer
Intermediate title: University Programmer Analyst
UNCPBA – Tandil. Arg.
03/2017 – 03/2023

Bachelor in Economics and Administration
Inst. Our Lady of Luján
Tres Arroyos. Argentina

SOFT SKILLS

Teamwork
Commitment
Fast learning
Communication
Leadership

LANGUAGES

INGLÉS | Intermediate

ITALIANO | Basic

ESPAÑOL | Native

EXPERIENCE

- **FullStack Developer - PhD Scholar at CONICET**

Business Behavioral Intelligence Core (NICE)

Tandil, Buenos Aires. 04/23 – Present.

Responsible for designing and developing tasks and functionalities together with a team as a continuation of the "AgileTalk" project published in 2021.

Architectures: REST, events, services and micro services.

Languages: Python, JavaScript, React, React Native.

- **Graduate assistant: Chair of Software Engineering and Chair of Software Systems Design in Systems Engineering**

UNCPBA Tandil, Buenos Aires. 02/23 – Present

My role involves teaching and assisting students in topics such as design patterns, system architectures and teamwork. Additionally, I guide student teams in the development of a software project throughout both courses

Agile methodologies: Scaled Agile Framework (SAFe) and Scrum

- **Python Developer – NICE and Casabella Center**

Business Behavioral Intelligence Core (NICE) and Casabella Center with Sadosky Foundation, Buenos Aires- 3/22– 3/23

Developer with experience in creating intelligent agents, through natural language processing (chatbot) and its interaction with components developed in Python from the Let's see Let's Talk project.

Technologies: RASA Framework, Python – Django, REST

- **Student assistant: Chair of Exploratory Programming in Systems Engineering**

HARD SKILLS

- SOLID, POO
- Algorithm development
- Git
- Agile methodologies (Scrum and Scaled Agile Framework (SAFe)
- Python (API, REST , Flask, Django)
- Web development with HTML, Talwind, Bootstrap and JavaScrìpt
- React and React Native
- PostgreSQL

MY PROJECTS

- Development of a mobile travel application using React Native and Python with Django
  02/23 - Present

UNCPBA Tandil, Buenos Aires. 07/21 – 02/ 23

Teaching students on topics such as natural language processing (NLP) using the RASA Framework, pipe and filter architectures, and basic Python for chatbot development.

PROFESSIONAL DEVELOPMENT

❑ **Research papers**

- Campo, Marcelo; Amandi, Analia; Acosta, Nelson; Guerrero, Matías **AgileTalk: A Conversational Virtual Reality Synthetic Platform for Training in Agile Processes**. Argentina. CABA. 2021. Simposio. JAIIO – Argentine Symposium on Software Engineering (ASSE 2021); Sociedad Argentina de Informáticas. [Link](#)

- Campo, Marcelo; Amandi, Analia; Conte, Carlos; Salguero, Patricia; Acosta, Nelson; Mazza, Pablo; Guerrero, Matias (2022). **Let's see... Let's talk: Towards an Intelligent VR Platform for Training Professionals in Disabilities.** Germany. Berlin. Proceedings of 18th Annual Congress on Wellness & Healthcare Informatics. [Link](#)

❑ **Grants**

- **Trainee intern**

Scientific Research Commission of the Province of Buenos Aires 04/22 – 04/23.

Development of the final work project called "SAFeTalk: virtual world environment for microtraining in SAFe-based processes"

- **Scholarship for the Stimulation of Scientific Vocations EVC –CIN**

National Interuniversity Council, Argentina. 09/21 – 09/22.

❑ **Courses**

- **Scrum Fundamentals Certified**

SCRUMestudio, Id: 931233. 08/22.