

Mario García

Robotist



EXPERIENCE

NEENO || FOUNDER

2023 - Now | Munich, Germany

- Forging the best human-centered interfaces in the world.

STABILO INTERNATIONAL GMBH || SENIOR SOFTWARE DEVELOPER

2015 - 2022 | Nuremberg, Germany

- Creator of the hand tracking algorithm powering the **Digipens**.
- Conception of Test and Optimization Processes within the DigiVision team.

VIBEWRITE UG || HEAD OF RESEARCH

2013 - 2015 | Munich, Germany

- Conception of a state-of-the-art miniature tracking system for digital pen based on low-cost inertial sensors.
- Constitution and coordination of research team until surprising insolvency.

DIEHL CONTROLS || PROJECT MANAGER

2008 - 2010 | Querétaro, Mexico

- Wrote, managed and maintained production specifications and manufacturing instructions for sub-assemblies of electronic boards.

EDUCATION

TECHNISCHE UNIVERSITÄT MÜNCHEN

MSC. IN ROBOTICS, COGNITION, INTELLIGENCE

2013 | Munich, Germany

- Thesis: *Robust Pose Estimation between Robotic Sensors with Gaussian Process Optimization* under supervision of **Dr Rudolph Triebel** and **Dr Ernesto Tapia**.

INSTITUTO TECNOLÓGICO DE QUERÉTARO

B.ENG. MECHATRONICS

2008 | Querétaro, Mexico

- Thesis: *Production guidelines for the assembly of a waterproof Home automation system* supervised by **Dr Raul Ramirez**.

RESEARCH

INSTITUTO TECNOLÓGICO DE QUERÉTARO

NATIONAL MINIROBOTICS CHAMPIONSHIP

2008 | Querétaro, Mexico

Coordinated within a team the National Mini-robotics Championship held at the Institute in 2008.

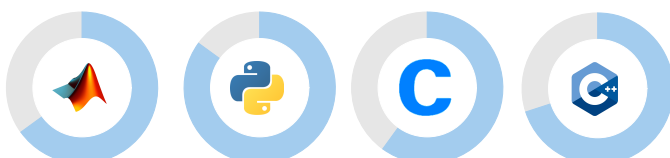
INSTITUTO TECNOLÓGICO DE QUERÉTARO

AEROZORROS

2006 - 2007 | Querétaro, Mexico

Founder and Captain of the Aeronautics Team of the University.

PROGRAMMING



FIELDS

ACADEMICS

- Robot Motion Planning
- Machine Vision
- Machine Learning
- Cognitive Systems

INDUSTRY

- Pattern Recognition
- Tracking Algorithms
- Navigation Systems
- Technical Documentation
- Data Visualization
- Human-Machine Interfaces
- Test Automation

SKILLS

Languages



Software Tools



HOBBIES



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