



CONTACT ME AT



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<https://www.linkedin.com/in/diego-fernandez-s/>

LANGUAGES

English, Spanish, Portuguese

French

German

SKILLS

- Deep Learning
- Computer Vision
- Motion Planning
- Computer Control
- CAD/CAM
- ROS
- NI Labview
- Industrial Robots
- PLC
- Python
- Java & Swift (Mobile app dev)
- Selenium
- PowerApps & Power Automate

COURSES AND CERTIFICATIONS

- Electric Motor Repair Course (ITESM)
- Universal Robots e-Series & e-Series Pro
- Solidworks CSWA
- Agile Crash Course: Agile Project Management; Agile Delivery
- Leadership: Practical Leadership Skills
- Python ZTM
- Selenium WebDriver with Java

DIEGO ALONSO FERNANDEZ SANTOYO

PERSONAL PROFILE

I am an Autonomy and Robotics graduate student, currently taking advanced courses in Deep Learning, Perception, Motion Planning and Control, with work experience in Quality Assurance and Mobile App Development.

EDUCATION

University of Illinois Urbana-Champaign

Masters in Autonomy & Robotics | Aug 2024 - Aug 2025

Tecnológico de Monterrey (ITESM)

Bachelors in Mechatronics Engineering | Aug 2016 - Dec 2020

WORK EXPERIENCE

Quality Lead

Qualitest | Feb 2021 - Aug 2024

- Performed complex analysis and reports for high quality product launches
- Successfully led multiple pilot projects
- Automated internal workflows and tasks
- Created documentation and training material for multiple ongoing processes
- Coordinated and delivered hands on training for new and existing employees

Senior PowerApps Developer

Tecnológico de Monterrey | May 2019 - Jul 2020

- UX focused mobile app and web development with thousands of users
- Worked with school board directives to identify and fix administrative issues

Production Assistant

Wast'N Value | Jun 2018 - Aug 2018

- Operated plastic agglomeration and pelletizing machinery
- Organized plant and warehouse layouts

EXTRACURRICULAR

MiniRobótica | Project Coordinator

Robotics instructor for teens

Inglés para normalistas | Project Coordinator

Advanced English instructor for Student Teachers