

Alberto Vicente Chacón

✉ alberto.vicentechacon@gmail.com 📍 Odense, Denmark 🌐 albertovic 🔗 alberto-vicente-chacon

Education

Syddansk Universitet (SDU) , Robot Systems (Advanced Robotics Technology) Focus on Machine Learning, Image Processing, and Software Architecture for autonomous systems. <ul style="list-style-type: none">Master's Thesis: Researching Uncertainty Estimation in Deep Neural Networks using Evidential Deep Learning in PyTorch.	Odense, Denmark 2024 – present
Universidad Politécnica de Madrid (UPM) , Electronics and Automation Engineering <ul style="list-style-type: none">Specialized in industrial control systems, electronic circuits, and embedded systems.	Madrid, Spain 2019 – 2024

Experience

Syddansk Universitet (SDU) , Robot Programmer Worked on the HospiBot European project focusing on mobile platforms and human-robot interaction. <ul style="list-style-type: none">Reworked PID controllers and designed custom voltage management circuits.Developed an image-based recognition pipeline for a humanoid robot to track human engagement.	Odense, Denmark Aug 2024 – Nov 2025 1 year 4 months
Talgo , Software Engineering Internship <ul style="list-style-type: none">Built a Python-based testing tool from scratch to monitor train system responses using UDP and TCP sockets.	Madrid, Spain Apr 2024 – Aug 2024 5 months
Siemens , Electronic Engineering Internship <ul style="list-style-type: none">Programmed workpieces using SINUMERIK, SinuTrain, and Run MyVirtual Machine.Designed parts and simulated manufacturing processes using Siemens NX.	Madrid, Spain Jan 2023 – Dec 2023 1 year

Projects

Self-Taught ROS2 & Omnidirectional Robotics Independent project to master robot middleware and navigation. <ul style="list-style-type: none">Designed and built a prototype for an omnidirectional robot.Implemented motor control and sensor integration.
Custom 3D Printer Build Built a high-precision 3D printer from individual components to understand mechanical calibration.

Skills

Robotics & Software

Engineering Tools

Languages

Spanish Native
English Fluent (IELTS grade 8)
Danish A2 (Modul 2)

Japanese

Basics (JLPT N4)

Italian

Basics

Volunteer

Unidos por la paz, Volunteering as Guitarist

Participated in charity concerts named "Unidos por la paz" for the Vicente Ferrer Foundation.

Children's association in my hometown, Volunteering as Youth Group Leader