

AITOR ORIVE MIGUEL

Automation and Control Engineer

📍 8375 10th Avenue, Burnaby

@ aitororive@gmail.com

☎ 236-777-2067

in linkedin.com/in/aitororive

ABOUT ME

Canada work visa holder located in Vancouver. Willing to relocate. Recent Automation and Control Engineer graduate who wish to embark the career with achievements in Canada.

WORK EXPERIENCE

SCADA Engineer

Gertek S.A.

📅 January 2019 – present *Remotely from Canada*

📅 February 2016 – July 2016 *Internship* 📍 Bilbao, Spain

Analysis and development of a SCADA solution (WinCC OA) for the control of traffic tunnels. PLC, SCADA as well as team work skills developed.

EDUCATION

M.Sc. in Automation and Control Engineering (*English*)

Politecnico di Milano

📅 Sept 2016 – December 2018

📍 Milan, Italy

- Projects:**
- CAD / CAM Piece Design
 - Control of a Permanent-Magnet DC Motor
 - System Hazard Analysis of a Traffic Tunnel

B.Sc. in Industrial Electronics and Automation (*Spanish*)

Deusto University

📅 Sept 2012 – July 2016

📍 Bilbao, Spain

- Projects:**
- Drilling Mock Up Controlled by PLC, HMI and SCADA
 - Automated Guided Vehicle Controlled by Visual Sensor
 - Traffic Light Controllable by Bluetooth

ERASMUS in Lappeenranta, Finland (*English*)

Lappeenranta University of Technology

📅 Sept 2015 – December 2015

📍 Lappeenranta, Finland

Packaging Technology Master courses taken during the bachelor. Knowledge of conversion of fibre-based packaging materials gained.

ACADEMIC PROJECTS

MSc. Thesis - Modelling, Validation and Control of DELIAN Flexible Manipulator

Politecnico di Milano,  LEONARDO and  esa

📅 March 2018 – December 2018

ESA (European Space Agency) manipulator DELIAN modelled and controlled in Simulink. Model results validated with respect to the real robot.

AGV Automation Engineer

Politecnico di Milano and  Automation

📅 February 2018 – July 2018

Responsible of the Triangulation and State-Observer parts in Simulink of an Automated Guide Vehicle.

STRENGTHS

PLC / HMI

SCADA

Matlab & Simulink

Labview

CNC

C, C++ & VHDL

Catia & SolidWorks

CAD & CAM

Arduino & Microchip

FPGA

Visual Studio

Modelica

Dymola

LaTeX

Microsoft Office

LANGUAGES

Spanish

Mother Language

English

C1 - 6.5 IELTS in 2016

Italian

C1

Basque

B2

CERTIFICATIONS

1. Driver license.
2. Standard first aid certification for lifeguard course.

INTERESTS



Sports

Swimming → Lifeguard Cert.
Running and Cycling
Hiking
Tennis



Chess



Travel



Reading



Languages