

Ivan Alejandro Hernandez Aguirre, Controls / Data Science Engineer

Controls Engineer currently transitioning to Data Science, during my work experience I have done projects in Canada, USA, Mexico and Argentina. Used to thrive on high pressure scenarios thanks to a high adaptability, and patience.

Mental agility, flexibility with challenges and constant changes.

Fast learning, high sense of urgency and hard working skills/

Employment History

Controls Engineer at Data Realm Inc, Windsor

August 2015 — March 2017

Mostly involved in Autocad Design and Development of HMI using Visu +, Wonderware and Factory Talk for Honda and Ford

Controls Engineer at Level One Robotics, Windsor Ontario

March 2017 — April 2019

Involved in the design, troubleshooting, debugging and programming of assembly lines, database setups, hardware setup for customers such as Ford, Tesla and Flex N Gate.

Lead Controls/ Contractor Engineer at AIS, Chrysler and HAD, Several Locations

April 2019 — May 2022

Involved in design, installation , programming, setup of hardware and database with OPC, buy off for several customer:

Lead Controls Engineer at customer installation Flex N Gate Argentina.

Lead Controls Engineer at Chrysler Etobicoke for shocktower installation project.

Support and Debugging for General Motors at Oshawa, Ontario

Education

Mechatronics Bachelors Degree, Instituto Tecnologico de Durango, Durango

August 2011 — August 2015

Python Certificate, eCornell University, Toronto

August 2021 — December 2022

Links

[Linkedin](#)

Skills

- | | |
|---|---|
| <input type="radio"/> Teamwork | <input type="radio"/> Communication |
| <input type="radio"/> Ability to Work Under Pressure | <input type="radio"/> Leadership and Teamwork |
| <input type="radio"/> Analytical Skills | <input type="radio"/> Decision Making |
| <input type="radio"/> PLC programming Allen Bradley | <input type="radio"/> HMI Development |
| <input type="radio"/> Database connection | <input type="radio"/> FANUC Robots Troubleshooting |
| <input type="radio"/> Debugging | <input type="radio"/> Data Analysis |
| <input type="radio"/> SQL , Pandas | <input type="radio"/> Matplotlib ,seaborn and other libraries |
| <input type="radio"/> Siemens and Omron PLC | <input type="radio"/> Data Cleaning and wrangling |
| <input type="radio"/> Create Models Data Science | <input type="radio"/> OPC Server setup |
| <input type="radio"/> Hardware setup for assembly lines | <input type="radio"/> Factory Talk Development |

Languages

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| <input type="radio"/> English Highly proficient | <input type="radio"/> Spanish; Castilian Native speaker |
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