CARLOS A. ALVARADO ROSTRO

Compuational Robotics Engineering

PERSONAL SUMMARY

My studies made me realize how passionate and dedicated I can be related to technology.
My goal is to be able to implement all the knowledge learned already as well as to keep learning new techniques, information to improve every single day.

PROFESSIONAL SKILLS

Adept in: C/C++ & Python programming languages. 3D design in SolidWorks, PSoC enviroment, Webots simulator, TIA Portal from SIEMENS as well as Arduino.

Personal Skills: Teamwork, Innovation, Creativity, Responsability, Punctuality, Communication.

CONTACT INFORMATION:

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CAREER HISTORY

Ksquare University
Salesforce Associate Software Engineer, February, 2021 - Present
Capacitation in order to achieve the "Salesforce Developer 1 Certifiate". Soft-skills courses are also included, creating a balance in the associate profile between hard and soft skills.

Centro de Investigación en Matemáticas "CIMAT".
Professional Internship
Based on the master's degree project "Navigation of a mobile robot within crowds". Modification and improvement of algorithms implemented in such project in order to perform simulations and adapt it for real life testing.

Todo De Cartón Organizip S. De R.L. De C.V.
Intership
Prototypes development to improve efficiency and time in ice companies for the area of ice packing by facilitating the access and use of the specialized tools required for the process.

EDUCATIONAL HISTORY

Universidad Politecnica de Yucatan "UPY"
Bachelor's degree in Computational Robotics

Brookfield High School
High school certificate on 2015

NOTABLE ACHIEVEMENTS

- 3rd place on international level in the event "Invent for the planet" 2018
- Scholarship to spent a quarter studying at Lambton College in Canada.
- Participant in the program The Engineering Learning Community Introduction to Research "ELCIR"
- Staff member during the event Congreso Mexicano de Inteligencia Artificial "COMIA"
- Staff member during the event Workshop on the Algorithmic Foundations of Robotics "WAFR"