



WORK OFFER

Ref. No. AR-2021-19-FRBB

Employer Information

Employer: Universidad Tecnológica Nacional - FR Bahía Blanca
11 de Abril 461

B8000LMI Bahía Blanca
Argentina

Website: <https://www.frbb.utn.edu.ar/frbb/index.php>
Location of placement: Bahía Blanca, Buenos Aires province
Nearest airport: Bahía Blanca airport
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 300

Business or products: Education and Research

Student Required

General Discipline: ENGINEERING, Other;ELECTRICAL AND ELECTRONICS ENGINEERING

Completed years of study: 3

Field of Study: Computer Engineering, General.;Electrical and Electronics Engineering

Student status requirements: when nominated

Language required: English Good (B1, B2) Or Spanish Good (B1, B2)

Required Knowledge and Experiences:

Programming in C, VHDL background

Other requirements:

Work Offered

The objective of this project is the analysis and specification of different real-time priority strategies in multi-processors embedded real-time system. Frequency domain analysis of [1] is going to be applied to evaluate the influence of different task parameters on the real-time performance of the system in cyber-physical applications. The system is implemented using Intel FPGA devices. Programming in C and knowledge on digital design using HDL languages is required.

[1] Claudio Aciti, Ricardo Cayssials, Edgardo Ferro, José Urriza & Javier Orozco (2020): Embedded real-time systems in cyber-physical applications: a frequency domain analysis methodology, International Journal of General Systems, DOI: 10.1080/03081079.2019.1703701.

Number of weeks offered: 8 - 8

Working environment: Research and development

Within the months: 01-SEP-2021 - 31-OCT-2021

Gross pay: 25000 ARS / Month

Or within: -

Deduction to be expected: none

Company closed within: -

Payment method / time of first / payment:

Latest possible start date:

Accommodation

Canteen at work: No

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 15000 ARS / Month

Accommodation will be arranged by: Employer

Estimated cost of living incl. lodging: 25000 ARS / Month

Additional Information

Nomination Information

Deadline for nomination: 15-MAR-2021

Date: 26-JAN-2021

On behalf of receiving country:

Luciano D Ascenzo