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About me:

My main drive is to understand the world that surrounds me, this justifies my main interests, which are electronics, computer science, neuroscience and artificial intelligence. I'm looking forward to capitalize my knowledge and obtain more experience in the areas that I am passionate about, applying my knowledge in a creative way that can also mean an integral development of my person.

EDUCATION

2014 - 2019

Electronic Engineering

Universidad Técnico Federico Santa María.

2019 -

Master of Science in Electronic Engineering: Telecomunicacions an Signal Processing

Universidad Técnico Federico Santa María.

Notable Elective Courses

- ❑ Electronic Bioengineering (IPD477).
- ❑ Probability & Stochastic Processes (IPD431).
- ❑ Introduction to Neural Networks (INF395)
- ❑ Digital Image Processing (ELO328)

WORK EXPERIENCE

2019

Intern at Tech Company

Kauel

- ❖ Web developMent, 3D reconstrucción from images, IoT project developtment and AI developtment and research.

2017-2018

Teaching Assistant

Universidad Técnico Federico Santa María.

- ❖ MAT043 (Probability and Statistics).
- ❖ MAT022 (Lineal algebra and calculus).

2016-

Editorial producer

Revista Perspectiva Educacional.

- ❖ Assistant in the layout (LaTeX) of the scientific dissemination magazine Perspectiva Educacional.

PROJECTS & CONFERENCES

2017

IoT Project

- ❖ Advice in equipment purchasing together with implementation in NodeMCU for startup 33rv SpA.

2015, 2016 & 2018

CRONE

- ❖ Assisted to the talks and workshops at the Congress on Robotics and Neuroscience

AWARDS

- 2017

Academic Merit

- ❖ Granted to students who approved the courses required by the career and obtained a cumulative weighted average since entering the University of 80 or more. This represents the top $\sim$ 5% of the student body.

2015

2nd place in FEUTFSM Environmental Ideas

- ❖ We proposed a homeuse arduino-based autonomous greenhouse.

SKILLS

Lenguajes

Spanish - Native
English - Advanced (FCE-Cambridge B+)

Programing Languages

3 years

Python.

2 years

C, Matlab.

<1 years

Assembly, Verilog, Java, C++.

Technologies & Libraries

Git, Unix/Bash, Vrep, OpenCV, Keras, Tensorflow.

ADDITIONAL INFORMATION

Hobbies

Music (Piano and guitar), Trekking, Climbing, Swimming, cycling and Diving.