

June 1<sup>st</sup>, 2023. Kraków, Poland.

Andrés VEJAR PÉREZ  
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31-157 Kraków, Poland

Applied Scientist with extensive experience in  
Data Science and Machine Learning  
for Engineering Applications.

SEX: Male

DATE OF BIRTH: 19/11/1978

NATIONALITY: Chilean

Polish permanent  
residence status

LANGUAGE PROFICIENCY

Spanish (native)

English (professional)

French (intermediate)

Polish (basic)

TECHNOLOGIES

Python Numpy SciPy

Scikit-Learn

Matplotlib VTK

OpenCV tinyML

PyTorch Tensorflow Redis

Raspberry Pi ESP32

FPGA (Xilinx) VHDL

C/C++ LaTeX Linux

Emacs

SCIENTIFIC OUTPUT

Journals (13)

Conferences (26)

Book Chapters (2)

OTHER INTERESTS

Outdoors & aventure:

trekking, running

biking, swimming.

Gardening. Drawing.

DIY. Yoga. Traveling.

Listening to music.

Reading Sci-Fi.

## EDUCATION

Ph.D. Automation, signal and image processing and computer engi- **2011**  
neering. Université de Lorraine, Nancy, France.

M.Sc.Eng. Universidad de Santiago de Chile. Graduated with *maximum* **2007**  
*distinction*.

Industrial Engineer. Universidad de Santiago de Chile. **2003**

## POSTDOCTORAL FELLOWSHIPS

Post-Doctoral Researcher at Systems Research Institute, Polish **2013**  
Academy of Sciences (IBS-PAN). Warsaw, Poland.

Post-Doctoral Researcher at French National Research Institute for **2012**  
Agriculture, Food and Environment (INRAE). Versailles-Grignon, France.

## PROFESSIONAL EXPERIENCE

Chief System Architect. Netrix R&D Centre. Lublin, Poland. **2018**

**2022**

Senior Electronics Software Developer. Netrix R&D Centre. Lublin, **2017**  
Poland.

Project Engineer in manufacturing simulation at SimulArt Ltda. Santi- **2004**  
ago, Chile. **2005**

## ACADEMIC APPOINTMENTS

Assistant Professor. AGH University of Science and Technology. Insti- **2022**  
tute of Telecommunications. Krakow, Poland. **-now**

Assistant Professor. University of Economics and Innovation in Lublin. **2019**  
Institute of Informatics. Lublin, Poland. **2022**

Assistant Professor. University of Rzeszów. Department of Mechatron- **2015**  
ics and Control Engineering. Rzeszów, Poland. **2017**

A.T.E.R., IUTNB-Université de Lorraine, Nancy, France. **2009**

**2010**

Teaching Assistant. Universidad de Santiago. Chile. **2005**

**2007**