

Computer Engineering Student

Computer science and engineering student doing a double degree between Telecom Paris. Currently specializing in distributed software systems, data science and machine learning.

EDUCATION

- **Master of Science in Engineering** — Telecom Paris, France
Since September 2022
Double degree program with University of the Republic
 - Specializing in distributed software systems (SLR) and data science (SD).
- **Bachelor of Engineering** — University of the Republic, Uruguay
Since February 2019
 - Studying mathematics, computer science, programming and software engineering.

WORK EXPERIENCE

- **Research Assistant** — University of the Republic, Montevideo, Uruguay
Since March 2022
 - Researching in optimization techniques for running convolutional networks on edge devices
 - Developing benchmarks for combining multiple neural network optimization tools on multiple platforms
 - Investigating in quantization and pruning techniques to fasten neural networks inference on low-resource platforms

SKILLS

Programming

- Experience with Python, Java, C/C++, Haskell, Javascript, SQL, Matlab and ASM.

Machine Learning (Neural networks)

- Experience working with Tensorflow, Pytorch frameworks for neural network development.
- Usage of specialized optimization tools like TensorRT, Open VINO, TF Lite and Google Coral framework.

Web development

- Experience in frontend (HTML, CSS and Javascript) and backend using Flask and JSP (Java Server Pages)

System administration

- Full proficiency in managing and working with Linux (UNIX) systems and taking advantage of digital tools.

System deployment

- Experience with Nginx, Tomcat and AWS Lightsail

LANGUAGES

Spanish Native speaker.

English

- Full proficiency (CEFR C2 level).

French

- Basic working proficiency (CEFR B1 Level).

Japanese

- Elementary proficiency

VOLUNTARY EXPERIENCE

- **Evaluator** – Plan Ceibal, Uruguay

November 2021

- Assessing programming and robotics projects from high school students during the Robotics, Programming and Video-games Olympics organized by Plan Ceibal.

ADDITIONAL EDUCATION

- **Baccalaureate (High School diploma)** – Jesus Mary School, Uruguay

From March 2013 to December 2018

Type of baccalaureate: Physics and mathematics

- **Entrepreneurship Program** – DESEM - Junior Achievement, Uruguay

From March 2016 to November 2016

- Organizing and planning multiple aspects of managing managing a business during its lifetime: from the conception of the product to its closing.

INTERESTS

Technology and software

- Love to get to know about current trending technologies and interesting software projects.

SOCIAL NETWORKS

 @gtoyos

 @guillermo-toyos-marfurt