

# Saša Radosavljevic

22 years old, 91400 Orsay, Paris region, France

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A motivated, autonomous, and rigorous Embedded Systems student seeking an internship and a PhD subject in High Performance Computing and Edge Computing. I have a methodical and pedagogical approach to work.

## Achievements

- Wrote two education-oriented articles on Machine Learning for the 3EI journal.
- Built a voice recognition system based on the Mozilla DeepSpeech speech-to-text system. It identifies names of different molecules for a laboratory purposes.

## Education

2022 – Present

**Master's degree SETI – Embedded Systems and Data Processing**  
**Paris-Saclay University**

Embedded Systems Architectures, Advanced Architectures, Specialized Architectures, Parallel Programming, Critical Systems and Machine Learning

2019 – 2022

**Master's degree FESup – Computer Science Engineering**  
**École Normale Supérieure Paris-Saclay**

Higher-education teaching course in Electrical Engineering and Computer Science Engineering:

- General education in Digital Electronics, Telecommunications electronic circuits, High Performance Computing, Signal and Image Processing, Energy Conversion and Automatic

**Bachelor's degree (equivalent) – Major in Electrical Engineering**

Applied science in physics and engineering for research and education

2017 – 2019

**Two-year technical degree in Electrical Engineering**  
**DUT Génie Électrique et Informatique Industrielle**  
**IUT de Cachan**

General education for qualified technicians in Electrical Engineering and Embedded Systems

## Personal interest

**Taekwondo**

I was a member of my town club for 2 years, red belt level. I mostly enjoy the technical aspects of this martial art. Thanks to this hobby I have improved my patience and communication skills.

## Professional Experience

May 2022 – Aug 2022

**Internship: Institut National de Recherche en Sciences et Technologies du numérique, Startup Studio, Pulse Audition, Sophia Antipolis, France.**

Launched embedded project for neural network-based speech enhancement and source separation.

May 2021 – Aug 2022

**Internship: Centre de Nanosciences et de Nanotechnologies, Palaiseau, France.**

Experimented and simulated electro-preconcentration and extracted data with image processing.

Apr 2019 – Jul 2019

**Internship: Centre de Nanosciences et de Nanotechnologies, Palaiseau, France.**

Designed electronics for pressure measurement with inductive sensors.

## Languages

- Native speaker of Serbian and French
- Proficient in English (Cambridge Advanced C1)
- Basic knowledge of Spanish

## Computer skills

- MATLAB, Altium Designer, Simulink, Keil µVision, MCUXpresso IDE, Visual Studio, Git.
- Familiar with C, C++, Matlab and Python programming. Knowledge in Javascript, LaTeX, SFC, LADDER, VHDL and Assembly programming.
- Linux and Windows based OS

**Blackball (Pool)**

Member of the school's club and I enjoy playing with friends. I maintain the club's equipment.