

Saša Radosavljevic

22 years old, 91400 Orsay, Paris region

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[LinkedIn](#)

Personal Profile Statement

A motivated, autonomous, and rigorous Embedded Systems student seeking an internship and a PhD subject in Embedded Systems Architectures and Machine Learning. 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 purpose.

Education

2022 – Now

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

Embedded Systems Architectures, Advanced Architectures, 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, 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 and Assembly programming.
- Linux and Windows based OS

Blackball (Pool)

I enjoy playing with friends at school and we often compete against each other. I watch snooker tournaments online.

References available upon request