Saša Radosavljevic

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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 methodical and pedagogical approach to work.

Achievements

- Writing two education-oriented articles on Machine Learning for the 3EI journal

Education

2021 – Now
Master's degree SETI – Embedded Systems and Data Processing
Paris-Saclay University

Embedded systems architectures, advanced architectures, critical systems, and Machine Learning

2021 – 2022
Master's degree FESup – Computer Science Engineering
École Normale Supérieure Paris-Saclay

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

2020 – 2021
Master's degree E3A – Voie André Ampère
École Normale Supérieure Paris-Saclay

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

2019 – 2020
Bachelor's degree (equivalent) – SAPHIRE Major in Electrical Engineering
École Normale Supérieure Paris-Saclay

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

Professional Experience

May 2022 – Aug 2022
Institut National de Recherche en Sciences et Tchnologies du numérique, Startup Studio, Pulse Audition, Sophia Antipolis, France

Embedded implementation of neural network-based speech enhancement and source separation.

May 2021 – Aug 2022
Centre de Nanosciences et de Nanotechnologies, Palaiseau, France

Electro-preconcentration experiments and simulation with image processing data extraction.

Apr 2019 – Jul 2019
Centre de Nanosciences et de Nanotechnologies, Palaiseau, France
Electronics design 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

Personal interests

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. Through this hobby I have improved my patience and communication skills.

Blackball (pool)

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

References

Dr. Emile Martincic
Teacher and Research Director (HDR)
Centre de Nanosciences et Nanotechnologies
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Mr Antony Juton
Teacher
École Normale Supérieure Paris-Saclay
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