Saša Radosavljevic
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Education and Qualifications

École Normale Supérieure Paris-Saclay
Master's degree (Voie André Ampère) in Electronics, Electrical engineering and Automatics. Sept 2020 – Now

- Key courses: Digital Electronics (Combinatorial and Sequential Logic) with C Programming on a LPC804 micro-chip. Telecommunications' electronic circuits (Analog Filters, Resonators). Signal Processing (Random Signals). Energy Conversion (Eletrical machines). Automatic (Control Systems and Stability).

Formation Saphire (Sciences appliquées en Physique et Ingénierie pour la Recherche et l'Enseignement)
→ SAPHIRE Program (Applied science in physics and engineering for research and education), Bachelor's degree in Electrical Engineering Sept 2019 – July 2020

- Project entitled "Paris-Saclay League RoboCup", involved the design and the programming of a 3-wheeled round robot able to play football against other robots.
- Key courses: Digital Electronics (Combinatorial and Sequential Logic) with VHDL Programming. Semiconductor Physics (Operational Amplifier study). Energy (Magnetism Circuits, Energy Conversion, Synchronous Motors). Linear automatic (Control Systems and Stability).

Institut Universitaire de Technologie de Cachan Sept 2017 – July 2019
DUT GEII (Génie Électrique et Informatique Industrielle) **→ Two-year technical degree in Electrical Engineering**

- Project: designing prosthetic robotic hand controlled by Arduino, involving the design of the hand and the programming of motors for the arm motion.
- Other projects: Automating an air-hockey table with a programmable logic controller. Designing electric circuit boards and programming for a line-following robot.

Professional Experience

Centre de Nanosciences et de Nanotechnologies, Palaiseau, France April 2019 – July 2019
Trainee

- Placement of ten weeks at the Centre de Nanosciences et de Nanotechnologies (nano-sciences and nanotechnology research laboratory) during the Two-year technical degree in Electrical Engineering.
  I was in the Microsystems and Nanobiofluidic Department. I was involved in designing induction sensors on Altium Designer (Computer Aided Design software) and designing an electronic card for the sensors' applications.

Languages

- Fluent in Serbian (mother tongue); Fluent in French (native speaker); Proficient in English; Basic knowledge of Spanish

Computer skills

- MATLAB, Altium Designer, Simulink, Keil µVision, MCUXpresso IDE, CodeBlocks IDE.
- Familiar with C and Python programming.

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 improved my patience and communication skills.

References available upon request