Jean SOUDIER
29, Route de Rosheim – 67530 BOERSCH
06.40.88.67.13
jean.soudier@insa-strasbourg.fr
21 years old, driving licence B

ELECTRICAL ENGINEERING STUDENT

EDUCATION

- 2018 : Engineering degree at INSA (Institut National des Sciences Appliquées) of Strasbourg in electrical engineering in 4th year [in progress]
- 2017 : Two year university degree in GEII (electrical and computer science industrial) at IUT of Haguenau
- 2016 : High school diploma of science with math specialty at Lycée Freppel of Obernai

WORK EXPERIENCE

- June-July 2019 : internship of 7 weeks at ICube : programming and characterization of a system of tomography. Characterization of the windowing of a matrix of SPAD (single photon avalanche diode) from a laser shot. The temporal window can adjust the spatial dependency.
- April-July 2018 : internship of 3 months at the end of the two year degree and 1 months more in the start-up Knot in Strasbourg for the development of an electrical scooter.
- July 2017 (3 weeks) : seasonal work for the technical hotline of the company Euro Protection Surveillance.
- April 2017 (week-end) : animation of a forum of robotics to teach to children how to program, organize by AD (Alscace Digital)
- October 2016 and 2017 (week-end) : participation in the Hacking Industry Camp, for a project with ES (Electricity of Strasbourg) and a project with Socomec on a network of sensors (2 prizes won)

SKILLS

- Programming languages (C, C++, Grafcet, Processing, Python, assembly PIC/AVR, VHDL)
- Office : Word 2016, Excel 2016, Power point 2016 (C2I certification)
- IDE : code::blocks, visual studio
- use of Raspberry, Arduino, STM32, PIC
- CAD : Altium designer, Eagle, Proteus, Kikad
- Progamming in VHDL : Quartus
- Electrical simulator : Multisim, PSIM, Proteus
- Automation software : step7 et TIA portal
- High level development : Labview, Matlab, MPLAB, Eclipse, Atmel Studio

LANGUAGES

- English: intermediate (780 at the TOEIC test)

INTERESTS

- 16 years of judo in club : brown belt
- 2 years of Bresilian jiu-jitsu : white belt
- Mountain bike, running
- Development of small project on Arduino, PIC, ESP32 (wifi modules)
- Development of a sensor circuit on an electrical karting (http://akeriha.fr/)
- Participation at the robotics cup of Cachan (http://www.gesi.asso.fr/coupe_robotique_des_iut/)
- Participation at the French robotics cup in 2019 and 2020 (electrical and programming part) (https://www.coupederobotique.fr/), (https://www.facebook.com/clubrobotiqueinsastras/)