Jean SOUDIER

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21 years old, driving licence B

ELECTRICAL ENGINEEring student

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| EDUCATION | |
|  | 1. 2018 : Engineering degree at INSA (Institut National des Sciences Appliquées) of Strasbourg in electrical engineering in 4th year [in progress] 2. 2017 : Two year university degree in GEII (electrical and computer science industrial) at IUT of Haguenau 3. 2016 : High school diploma of science with math specialty at Lycée Freppel of Obernai |
| Work Experience | |
|  | 1. 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. 2. 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. 3. July 2017 (3 weeks) : seasonal work for the technical hotline of the company Euro Protection Surveillance. 4. April 2017 (week-end) : animation of a forum of robotics to teach to children how to program, organize by AD (Alscace Digital) 5. 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) |
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| Skills | |
|  | 1. Programming languages (C, C++, Grafcet, Processing, Python, assembly PIC/AVR, VHDL) 2. Office : Word 2016, Excel 2016, Power point 2016 (C2I certification) 3. IDE : code::blocks, visual studio 4. use of Raspberry, Arduino, STM32, PIC 5. CAD : Altium designer, Eagle, Proteus, Kikad 6. Progamming in VHDL : Quartus 7. Electrical simulator : Multisim, PSIM, Proteus 8. Automation software : step7 et TIA portal 9. High level development : Labview, Matlab, MPLAB, Eclipse, Atmel Studio |
| Languages | |
|  | 1. English: intermediate (780 at the TOEIC test) |
| Interests | |
|  | 1. 16 years of judo in club : brown belt 2. 2 years of Bresilian jiu-jitsu : white belt 3. Mountain bike, running 4. Development of small project on Arduino, PIC, ESP32 (wifi modules) 5. Development of a sensor circuit on an electrical karting (<http://akeriha.fr/>) 6. Participation at the robotics cup of Cachan (<http://www.gesi.asso.fr/coupe_robotique_des_iut/>) 7. Participation at the French robotics cup in 2019 and 2020 (electrical and programming part) (<https://www.coupederobotique.fr/>), (<https://www.facebook.com/clubrobotiqueinsastras/>) |