BRICE DUBUIS

Embedded Systems Engineer

@ brice.dubuis@outlook.com   📞 +41796605912   📍 Sion, Switzerland
in www.linkedin.com/in/brice-dubuis/   🔗 www.bricedubuis.ch

EDUCATION

BSc Systems Engineering (Infotronics)
HES-SO Valais/Wallis

📅 2017 - 2021   📍 Sion, Switzerland

Maturité professionnelle Technique, architecture et sciences de la vie
EPTM Valais

📅 2016 - 2017   📍 Sion, Switzerland

Électronicien CFC
EPTM Valais

📅 2012-2016   📍 Sion, Switzerland

WORK EXPERIENCE

Hardware Engineer
Eversys Digitronics

📅 February 2023 - Present   📍 Münsingen, Switzerland

- Developing PCB test concept.
- Routing PCB.
- Selecting components and order materials by suppliers.
- Programming test sequences.
- Programming test tool with Python.

Product Application Engineer
Xilinx/AMD

📅 January 2022 - December 2022   📍 Dublin, Ireland

- Debugging customers software applications (C/C++).
- Debugging Xilinx board boot projects.
- Filling internal reports to improve products and tools.
- FPGA Hardware design configuration debugging.
- Mentoring new hires to handle internal tools.

Internee Engineer
Ceidos SA - Medical device company

📅 July 2020 - August 2021   📍 Monthey, Switzerland

- Development of a high frequency signal duplication PCB board.
- C programming of a Red Pitaya UART communication.
- Mount components on PCB
- Components selection, schematic and PCB layout design.
- Take part in the EMC tests of the device developed

UNIVERSITY PROJECTS

- Computational imaging of many laser beams on a picture (BSc Thesis).
- Trash filling level detection with data transmission via LoRaWAN.
- Development of digital chronometer by using gate logic.
- Development of remote controlled kart by android smartphone.
- Development of a PCB inverted-F antenna.
- LCD arcade game using the PIC18F.

LOOKING FOR

a job in a dynamic team where I can find motivating challenges that contributes to the well-being of society.

TECHNICAL STRENGTH

C/C++	●●●●●
Altium/KiCAD	●●●●●
Python	●●●○○
Git	●●●●○
Assembly Language	●●●○○
MATLAB	●●●○○
Verilog/VHDL	●●●○○
Java	●●●●○
LTSpice	●●●●○

STRENGTHS

Flexibility and Adaptability
Hard-working   Decision Making
Ability to Work Under Pressure
Motivator & Leader   Target oriented

LANGUAGES

English	●●●●●
French	●●●●●
German	●●●○○

HOBBIES

🏔 **Backcountry skiing**
Enjoy the nature on the steep mountains

🎵 **Music Addict**
Listen quality music of every genre

🚴 **MTB**
Go cycling on single tracks