



**Valerian-Emanuel**  
Sarbu

**DATE OF BIRTH:**  
19/04/1988

**CONTACT**

Nationality: Romanian  
Gender: Male



**WORK EXPERIENCE**

12/2010 - 07/2012 - Bucharest

**Systems Engineer**  
PowerConcept-Electronics

07/2012 - 09/2016 - Bucharest

**Service Engineer**  
Radiomed Impex  
Repair, Diagnose, Calibrate, Verify Radiotherapy - Radiodiagnostic equipment

07/2016 - 09/2017 - Bucharest

**Software Engineer**  
SC InterNET SRL  
Embedded programming for telemetry and antitheft module of vending machines  
Develop Labview application for Keithley equipment industrial, automotive and research applications.

09/2017 - 01/2019 - Bucharest

**Embedded Software Engineer**  
ALTEN SI-tehno Romania  
Write, verify, adapt bootloaders for display clusters (Automotive)

01/2019 - CURRENT - Bucharest

**Bios HW Engineer**  
HARMAN International  
Head unit related software test and development (Automotive)

**EDUCATION AND TRAINING**

2007 - 2011

**Mechatronics Engineer**  
Universitatea Politehnica Bucuresti

2011 - 2013

**Master's degree in Mechatronics**  
Universitatea Politehnica Bucuresti

2016 - CURRENT

**Doctor of Philosophy - Mechatronics**  
Universitatea Politehnica Bucuresti



## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Romanian

**OTHER LANGUAGE(S):**

### English

**Listening**  
C2

**Reading**  
C2

**Spoken  
production**  
C2

**Spoken  
interaction**  
C2

**Writing**  
C2

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### French

**Listening**  
A1

**Reading**  
A2

**Spoken  
production**  
A1

**Spoken  
interaction**  
A1

**Writing**  
A1

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## DIGITAL SKILLS

Microsoft Office / C, Embedded C / Embedded linux -Yocto /  
MATLAB&Simulink / Programmin language PYTHON / NI LABVIEW /  
Atmel Microcontrollers / Matlab, Simulink, Simscape / Simster / LMS  
Amesim