Gheorghe Sârbu

Government Affairs, Science & Technology

Interested in practical measures for e-government, intensive automation of all areas of human activity and its socio-political implications, and the management and psychology of ICT education/digital skills.

Technical interests are in large-scale IT enterprise architectures and business process modelling tools for digital transformation and optimization of flows.

Recipient of the „30 under 30" Romania award, in 2017, for work with innovative IT start-ups, from Forbes.

Tel: +40 731246283
Address: Splai Independenței 332B, București
Website: sarb.eu
Email: gheorghe.sarbu@gmail.com

Alumnus of the International Visitor Leadership Program 2020, „Technology for Social Good", US State Department.

Experience

JULY 2023 - PRESENT

Chancellery of the Prime Minister of Romania

Advisor to the Head of the Chancellery of the Prime Minister

Areas related to: content coordination of the 3SI Business Forum 2023; public policy for science & technology; public policy for intellectual property

FEBRUARY 2022 – PRESENT

Ministry of Research, Innovation and Digitalization

Advisor to State Secretary

Areas related to public policy for research and innovation, and Romania's membership application to the OECD on matters of digital.

DECEMBER 2022 - PRESENT

Innovation Labs Romania

Advisor

Member of Advisory Board, at Innovation Labs

JANUARY 2017 – DECEMBER 2022

Innovation Labs Romania

Community Manager & Innovation Mentor

Executive responsibilities related to organising the nation-wide side of the IT start-up pre-accelerator Innovation Labs. Teaching classes and mentoring teams of students on topics such as Enterprise architectures, customer discovery and development, preliminary legal advice on new business models, technological versatility, standardization, quantified presentation of business outcomes.

JANUARY 2022 – MAY 2022

Ministry of Agriculture and Rural Development

Advisor to the Minister

Areas related to institutional digital transformation and sectorial innovation

OCTOBER 2019 - FEBRUARY 2020

Agency for Digital Agenda of Romania (precursor of current ADR)

Vice-President

Vice-President (State Under-Secretary) – strategies, policies, programmes, and projects for digital transformation of public administration; co-ordination of transformation from state agency to state authority (wrote governing document)

SEPTEMBER 2019 -
FEBRUARY 2020

Ministry of Communications and Information Society

Delegated National Expert – Digital Europe Programme

Represented Romania in the European Commission's Group of Experts for the Digital Europe Programme. Managing Romania's involvement in the Program and developing recommendations for decision-makers.

Pillars of the Digital Europe Programme: Supercomputers; Artificial Intelligence; Cyber Security; Advanced Digital Skills; E-Government and Digital Economy

SEPTEMBER 2018 -
OCTOBER 2019

Ministry of Communications and Information Society

IT&C Expert – Operational Program for Technical Assistance

Part of the ministry's team of experts responsible with providing technical assistance (advice, writing of project documentations) for digital transformation efforts of central administration.

SEPTEMBER 2017 -
OCTOBER 2019

Ministry of Communications and Information Society

IT&C Expert – member of CTS

Member of the Technical Commission of Specialists (CTS) attached to the Technical-Economical Committee for Information Society of the Government of Romania (CTE). Job responsibilities included the analysis of publicly-funded projects with an IT component and the proposal of recommendations for the CTE. Analysis criteria: cyber security, interoperability, technological neutrality, multiple financing.

JANUARY 2017 - OCTOBER
2019

Ministry of Communications and Information Society

Advisor to the Minister

Advisory responsibilities in areas related to:
- Implementation of the IT part of the Governing Manifesto 2016-2020.
- Simplification, harmonization, and innovation of legislation related to digital economy and society.
- Application of key digital enablers in public administration for implementation of EC eGovernment Action Plan 2016-2020.
- Analysis and plan to implement the Single Digital Gateway for Romania.
- Coordination role over the preliminary phases in the construction of unified strategies for Romania, in the fields of central government digital transformation and AI adoption.

OCTOBER 2016 - OCTOBER
2019

Politehnica University of Bucharest, Computers Department

Teaching Assistant

Teaching assistant in the areas of Computer Architecture, hardware description languages and assembly programming.

OCTOBER 2012 -
SEPTEMBER 2016

University of Cambridge

Research Associate

Part of the Computer Architecture Research Group at the Computer Laboratory, University of Cambridge. Supervise students in the areas of Digital Design, Computer Architecture, System-on-Chip and Hardware Support for Operating Systems.

OCTOBER 2009 - JUNE 2011

Politehnica University of Bucharest, Computers Department

Associated Teaching Assistant

Conducted laboratory and teaching work in the Electronics and Computer Architecture Laboratories.

Education

2012 - 2016

University of Cambridge

Doctoral Training Programme, Computer Science and Technology

Work on energy-efficient many-core chips, reconfigurable computing, and heterogeneous scheduling.
Activities and Societies: Cambridge Romanian Society (Committee), Hughes Hall Middle Common Room (Committee), Computer Laboratory Faculty Board (Committee)

2011 - 2012

University of Cambridge

Master of Philosophy (MPhil), Advanced Computer Science

Grade: 78 (Distinction – 1st Class Honours)
Dissertation: Power Modelling and Validation for Digital Logic
Activities and Societies: Cambridge Romanian Society, Hughes Hall Middle Common Room

2007 - 2011

Politehnica University of Bucharest

BEng, Automatic Control and Applied Computer Science

Grade: 10.0/10.0 (Valedictorian).
Dissertation: VLSI Implementation of DSP Algorithms
Activities and Societies: Student Representative, Students League (LSAC, UNSR)

2003 - 2007

Colegiul Dobrogean "Spiru Haret" Tulcea

High School, Baccalaureate, Mathematics and Computer Science

Baccalaureate: 9.92/10.00 (Valedictorian)
Activities and Societies: History National Olympiad, Physics Olympiad, Mathematics Olympiad, Economics Olympiad, Student Council, Head of Class

Foreign Languages

English
(Native proficiency)

| French
| (Professional proficiency)

Italian
(Basic proficiency)

Skills and Hobbies

- Public policies
  - Digital Transformation, Digital Skills

- Research & Innovation, Innovative Entrepreneurship
- Information Technology
  - Software Development, Computer Architecture, Hardware Description, Machine Learning, Operating Systems
  - Interested in pursuing activities related to automation of daily life, e-government.
- Education
  - Teaching experience, RO and UK, high school, and university
- Socio-political interests
  - Formal debate experience
  - Topics of interests: quality and relevance of teaching means and methods; grammar; history; political philosophy; left wing doctrine; internationalism; globalization; 3rd and 4th industrial revolutions.
- **Hobby**
  - SciFi, Historical Fantasy;
  - Grand Strategy, 4X, Simulators, VR, AR;
  - Planning and strategizing.