

# Curriculum Vitae

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## Personal details

- Full name: **Corneliu Sabin Buraga**
- Place of birth: Iasi, Romania
- Gender: male
- Address (work): 16, Berthelot Street, Iasi 700483 – ROMANIA
- E-mail: [busaco@info.uaic.ro](mailto:busaco@info.uaic.ro)
- Website: <https://profs.info.uaic.ro/~busaco/>
- Citizenship: Romanian
- Personality: open-minded, efficient thinker, imaginative, having artistic capabilities

## Education

- Doctor in Information Sciences, “Alexandru Ioan Cuza” University of Iasi, Romania (UAIC) (2004)
- M.Sc. Degree in Distributed Computing at Faculty of Computer Science, UAIC (1998)
- B.Sc. Degree in Computer Science at Faculty of Computer Science, UAIC (1997)
- Baccalaureate at “Grigore Moisil” High-school, Iasi, Romania

## Areas of interest, experience and research

- Web Technologies – since 1996
- Semantic Web – since 1999
- Human-Computer Interaction – since 1999

## Academic Positions

- *Associate Professor* (since October 2007) – Department of Computer Science, Faculty of Computer Science, UAIC
- *Lecturer* (2003–2007) – Department of Theoretical Computer Science and Distributed Systems, Faculty of Computer Science, UAIC
- *Assistant Professor* (2000–2003) – Department of Theoretical Computer Science, Faculty of Computer Science, UAIC
- *Research Assistant* (1999–2000) – Department of Theoretical Computer Science, Faculty of Computer Science, UAIC

## Teaching and Education Activity

Current disciplines<sup>1</sup>

1. **Web Application Development** (former **Semantic Web**) – mandatory (graduate students) – Master on Software Systems Engineering, Master on Distributed Computing,

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<sup>1</sup> <https://profs.info.uaic.ro/~busaco/teach/>

- Master on Optimization, Master on Computational Linguistics, Faculty of Computer Science (since 2009)
2. **Human-Computer Interaction** – elective (terminal year graduate students) – Faculty of Computer Science (2021)
  3. **Web Technologies** – mandatory (2<sup>nd</sup> year under-graduate students) – Faculty of Computer Science (since 1999)
  4. **Web Systems Development** – mandatory (2<sup>nd</sup> year graduate students) – Faculty of Economy and Business Administration (since 2018)

Past courses (a selection):

5. **Models for Resource Description and Processing within Distributed Systems** – Doctoral School of the Faculty of Computer Science (2005)
6. **Service Oriented Architectures** – mandatory (terminal year graduate students) – Faculty of Economy and Business Administration (2016—2017)
7. **Human-Computer Interaction** – mandatory (graduate students) – Master on Software Systems Engineering, Faculty of Computer Science (2008—2020)
8. **Full-Stack Web Application Development** – elective (terminal year under-graduate students) – Faculty of Computer Science (2019—2020)
9. **Client-Side Web Application Development** – elective (terminal year under-graduate students) – Faculty of Computer Science (2010—2019, except 2016)
10. **Computer Networks** – mandatory (2<sup>nd</sup> year under-graduate students) – Faculty of Computer Science (2002—2007, 2008)
11. **Human-Computer Interaction (User Interface Design)** – elective (3<sup>rd</sup> year under-graduate students) – Faculty of Computer Science (2001—2008)
12. **Operating Systems** – mandatory (2<sup>nd</sup> year under-graduate students) – Faculty of Computer Science (2001—2003)
13. **Web Programming** – mandatory (1<sup>st</sup> year students) – Post-graduate Specialization Courses, Faculty of Computer Science (2004—2007)
14. **Communication in Electronic Environments** – mandatory (1<sup>st</sup> year under-graduate students) – Faculty of Computer Science (2007—2008)
15. **XML Technologies** – elective (2<sup>nd</sup> year students) – Post-graduate Specialization Courses, Faculty of Computer Science (2005—2008)
16. **Perl Scripting** – elective (2<sup>nd</sup> year students) – Post-graduate Specialization Courses, Faculty of Computer Science (2005—2008)

Advisor for more than 400 BSc., MSc. and other graduation theses (since 2000) focused on various areas of interest such as Web Technologies (Service Oriented Architecture and Web Services, Web Engineering, Social Web, etc.), Semantic Web (Knowledge Modeling and Management, Linked Open Data, Knowledge Bases, Knowledge Graphs, and others), Human-Computer Interaction (Advanced User Interaction, Web Interaction, Information Architecture, Data Visualization, Mobile Web, Game Computing), and Distributed Computing (Middleware Architectures, Software Agents, Cluster/Grid/Cloud Computing, Peer-to-Peer Systems).

Author or co-author of more than 10 text-books on Web Technologies, Web Design, Computer Networks and Operating Systems (almost 2400 pages) – single author of 4 books; other 8 edited books and proceedings; more than 50 articles focused on science popularization.

## Scientific Activity

- More than 100 refereed articles – in the proceedings of international conferences and international scientific journals (cited by minimum 185 significant papers)<sup>2</sup>
- More than 80 contributions as a member of program committees of international conferences and other scientific events
- Director of a scientific national grant
- Member in other 8 teams involved in national/international grants

## Academic managerial experience

- Member of the Faculty of Computer Science Council, UAIC (2002—2012; 2016—2020)
- Member of the Department of Computer Science Board, Faculty of Computer Science, UAIC (2012—2016)
- Vice-Dean of the Faculty of Computer Science, UAIC (2008—2012)
- Chancellor of the Faculty of Computer Science, UAIC (2004—2008)

## Other academic activities

- Chair or member of organizing committees for more than 20 (inter)national events
- Member of the Academic Quality Assurance Commission (Faculty of Computer Science, UAIC) – since 2018
- Member of the PhD thesis defense committees – since 2008 (15 PhD theses assessed)
- Chair or member of evaluation committees for academic promotion and recruitment in different positions (*e.g.*, teaching assistants, lecturers, researchers) – since 2003
- Chair or member of the student graduation and post-graduation evaluation commissions – since 2003
- Co-founder and coordinator of WebGroup – a team of young scientists and students concerned by different research and technical problems related to actual Web technologies (2002—2014)
- Mentor and promotor of the student teams participating to several (inter)national competitions and contests (for example, I was a mentor of the Sytech student team awarded with 1<sup>st</sup> prize at Imagine Cup 2009 – Software Design section. Also, I supervised the AVe team – placed in the first 10 teams at Imagine Cup 2012 – Game Design section)
- Chair of various local or national contests/competitions for high-school students (for instance, InfoEducatie – between 2008 and 2015, except 2014); also, I was involved in organizing, leading and judging different student and professional competitions and challenges
- Speaker and presenter (more than 75 technical talks on various topics of Computer Science, including academic advertising)
- Initiator and contributor at several digitalization processes and Web applications, applied at the Faculty of Computer Science, UAIC
- Initiator and/or liaison person responsible of relations between academia and IT industry and organizations

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<sup>2</sup> <https://scholar.google.com/citations?user=RMGLGOAAAAAJ&hl=en>

## Awards

1. *“Gheorghe Cartianu” Award of the Romanian Academy* (2005) for outstanding scientific contributions published in 2003
2. *“Bologna” Professor Award* conferred by National Alliance of Romanian Student Organizations (2017) under the patronage of the Romanian Presidency for outstanding teaching activity

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