



## Silviu Matu

**Address:** No 37 Republicii Street, Avalon Building, 400015, Cluj-Napoca, Romania (Work)

The email address is composed of the given name, a period, and the surname, followed by the standard email symbol and the university's web domain as in [www.ubbcluj.ro](http://www.ubbcluj.ro).

### WORK EXPERIENCE

**RESEARCHER – BABEȘ-BOLYAI UNIVERSITY** – 01/10/2023 – Current – CLUJ-NAPOCA, ROMANIA

- Data processing and data analysis in R and Python
- Developing and testing ML models using common libraries (e.g., TensorFlow in Python)
- Reporting results in scientific publications

**VICE-DEAN FOR RESEARCH ACTIVITIES – FACULTY OF PSYCHOLOGY AND EDUCATIONAL SCIENCES, BABEȘ-BOLYAI UNIVERSITY** – 31/01/2017 – 30/09/2023 – CLUJ-NAPOCA, ROMANIA

Main responsibilities:

- Monitoring and reporting research activities;
- Offering administrative support to faculty members;
- Developing policies to support research activities.

**SENIOR ASSISTANT PROFESSOR – DEPARTMENT OF CLINICAL PSYCHOLOGY AND PSYCHOTHERAPY, BABEȘ-BOLYAI UNIVERSITY** – 30/09/2014 – 30/09/2023 – CLUJ-NAPOCA, ROMANIA

- Teaching graduate level courses in:
  - Research methods
  - Statistics
  - Cognitive sciences
    - I had consistent positive feedback from my students over my entire teaching career.
- Coordinating master's dissertations and bachelor's theses.
  - I coordinated an average of 15+ theses and dissertations every year.
- Conducting scientific research and publishing scientific papers.
  - My Google Scholar profile: <https://scholar.google.ro/citations?user=gzoZSMUAAAAJ&hl=en>
- Delivering trainings, workshops, and lecture related to psychology and well being.

**POST-DOCTORAL RESEARCHER – BABEȘ-BOLYAI UNIVERSITY** – 31/10/2018 – 30/09/2022 – CLUJ-NAPOCA, ROMANIA

Team member in the project „Understanding and modelling time-space patterns of psychology-related inequalities and polarization”, project no. PN-III-P4-ID-PCCF-2016-0084, funded by Romanian National Authority for Scientific Research and Innovation, CNDS-UEFISCDI, PI Daniel David, Ph.D.

Main responsibilities:

- Supervise data collection;
- Data analysis;
- Manuscript writing.

**RESEARCHER – BABEȘ-BOLYAI UNIVERSITY** – 31/05/2014 – 29/09/2018 – CLUJ-NAPOCA, ROMANIA

Team member in the project „Development of autonomous robot-assisted therapy for children with autism spectrum disorders (DREAM)”, grant agreement no. 611391, funded by the European Commission, 7th Framework Programme, PI Daniel David, Ph.D.

Main responsibilities:

- Supervise data collection;
- Data analysis;
- Manuscript writing.

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**PROJECT DIRECTOR – BABEȘ-BOLYAI UNIVERSITY – 31/07/2017 – 30/01/2018 – CLUJ-NAPOCA, ROMANIA**

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Coordinator of the project “Psychological and cultural mechanism that affect life insurance penetration”, awarded by the STAR-UBB Institute, Babeș-Bolyai, as an Advanced Fellowship.

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**PROJECT DIRECTOR – BABEȘ-BOLYAI UNIVERSITY – 31/03/2015 – 30/03/2016 – CLUJ-NAPOCA, ROMANIA**

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Director of the project “Cognitive and behavioral regulation: a new paradigm for translational research in clinical psychology”, awarded by the Babeș-Bolyai University through the Young Researchers program.

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**RESEARCHER – BABEȘ-BOLYAI UNIVERSITY – 30/09/2014 – 30/12/2017**

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Team member in the project Mobile System for Rehabilitative Vocal Assistance of Surgical Aphonia (SWARA), funded by the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI), Romania, project no. PN-II-PT-PCCA-2013-4-1660, PI Daniel David, Ph.D.

Main responsibilities:

- Data collection;
- Data analysis;
- Manuscript writing.

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**RESEARCH ASSISTANT – BABEȘ-BOLYAI UNIVERSITY – 31/12/2011 – 29/06/2013 – CLUJ-NAPOCA, ROMANIA**

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Team member in the project "A Computational Distributed System to Support the Treatment of Patients with Major Depressive Disorder (Help4Mood)", funded by the European Commission, 7th Framework Programme, project no. ICT-248765, PI Aurora Szentagotai, Ph.D.

Main responsibilities:

- Data collection;
- Data processing.

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**RESEARCH ASSISTANT – BABEȘ-BOLYAI UNIVERSITY – 31/08/2013 – 30/07/2014 – CLUJ-NAPOCA, ROMANIA**

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Team member in the project "The efficacy of a web-based platform in the treatment of child anxiety (iDARE)", funded by the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI), Romania, project no. PN-II-PT-PCCA-2011-3.1-1500, PI Anca Dobrea, Ph.D.

Main responsibilities:

- Experimental set-up preparation.

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**RESEARCH ASSISTANT – BABEȘ-BOLYAI UNIVERSITY – 30/11/2011 – 30/03/2013 – CLUJ-NAPOCA, ROMANIA**

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Team member in the project "Exploring Robot Assisted Therapy for Children with ASD", funded by the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI), Romania, project no. PN-II-ID-PCE-2011-3-0484, PI Bram Vanderborght, Ph.D.

Main responsibilities:

- Experimental set-up preparation.

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**● EDUCATION AND TRAINING**

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01/10/2023 – CURRENT Cluj-Napoca, Romania

**MSC IN ARTIFICIAL INTELLIGENCE** Faculty of Mathematics and Computer Sciences, Babeș-Bolyai University

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01/10/2022 – CURRENT Bucharest, Romania

**BSC IN COMPUTER SCIENCE** Faculty of Mathematics and Computer Sciences, University of Bucharest

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30/09/2014 – 29/09/2015 Cluj-Napoca, Romania

**POST-DOCTORAL FELLOW** The International Institute for the Advanced Studies of Psychotherapy and Applied Mental Health, Ba

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30/09/2010 – 12/12/2013 Cluj-Napoca, Romania

**PH.D. DEGREE IN PSYCHOLOGY** Evidence-Based Assessment and Psychological Interventions Doctoral School, Babeş-Bolyai University

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30/09/2008 – 20/07/2010 Cluj-Napoca, Romania

**M.A. IN CLINICAL PSYCHOLOGY, PSYCHOLOGICAL COUNSELING AND PSYCHOTHERAPY** Faculty of Psychology and Educational Sciences, Babeş-Bolyai University

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30/09/2005 – 24/07/2008 Bucharest, Romania

**B.A. IN PSYCHOLOGY** Faculty of Psychology and Educational Sciences, University of Bucharest

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## ● LANGUAGE SKILLS

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Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C1	C1	C1
<b>FRENCH</b>	B1	B2	B1	B1	B1

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*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● SKILLS

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Oracle SQL | Microsoft Office | R language statistical programming | Python (including common AI/ML libraries)