

Curriculum Vitae

Personal information

First names/Surname: **Laura Mihaela Păun**
Address: București Street, bl. 68/1D, sc.D, et.3, ap.62, 080307, Giurgiu (Romania)
Mobile telephone: +40763 669800
E-mail: lavrentia87@yahoo.com
Nationality: Romanian
Date of birth: 02 August 1987

Work experience

Dates: 25 November 2010 →
Occupation or position held: Research Assistant

Name and address of employer:
National Institute of Research and Development for Biological Sciences, Bucharest
<http://www.dbioro.eu>; <http://www.dbioro.eu/bioinformatica>

Main activities and responsibilities:

- Collect and examine data that will provide relevant conclusions concerning various biological phenomena;
- Design questionnaires to establish the sample size, the target group and the methods that will be used to gather the data;
- Create and manage databases and other types of software in order to turn the data into useful information;
- Develop a detailed analysis explaining the survey results and how representative are the obtained data for the reference population;
- Assist researchers in editing and printing documents;
- Mathematical modelling of biological phenomena;
- Research in biostatistics

Internship

September 2010 - October 2010
International Relations Office, University of Bucharest

Responsibilities:

- Provide assistance in matters of foreign students who enroll in undergraduate studies at the University of Bucharest;
- Database management for undergraduate studies;
- Preparation of periodic statistics

Education

October 2009-June 2011

Master of Science: Applied Mathematics for Finance, Assurance and Biostatistics, Faculty of Mathematics and Computer Science, University of Bucharest

October 2006-June 2009

Bachelor of Science: Mathematics, Faculty of Mathematics and Computer Science, University of Bucharest

September 2002-June 2006

High school: Mathematics and Informatics, "Ion Măiorescu" National College, Giurgiu

Scholarship

September 2008-January 2009

Erasmus Scholarship, Faculté des Sciences et Technologie-Université Val de Marne, Paris

Training courses

October 2006 - January 2011

Certification courses for teaching profession (psychopedagogy and teaching mathematics)
Teacher Training Department, Faculty of Psychology Education, University of Bucharest

November 2009 – May 2010

Astronomy course, Astronomical Observatory "Amiral Vasile Urseanu" and AstroClub Bucharest

Summer Schools

12 September 2011 - 16 September 2011

High Performance Computing and Cloud Computing for Sustainable Development Summer School, organized by: Black Sea Universities Network, Ovidius University of Constanța and Hewlett Packard Romania, in Constanța

02 August 2009 - 08 August 2009

Leadership Summer School, organized by Leaders Foundation Romania, in Brașov

06 July 2009 - 11 July 2009

Inverse Problems in Partial Differential Equations International Summer School, organized by Universidad Autónoma de Madrid, in Castro Urdiales (Spain)

28 July 2008 - 02 August 2008

Cryptography and Coding Theory Summer School, organized by Faculty of Mathematics and Computer Science, University of Bucharest, in Vatra Dornei

30 June 2008 - 06 July 2008

Promotion of Intercultural Dialogue among Young People International Summer School, organized by National Council for Combating Discrimination, in Mangalia

03 May 2008 - 11 May 2008

Youth Participation and Involvement in the European Area International Summer School, organized by Save the Children Romania, Save the Children Denmark and Children Rights Information Centre, in Buzău

Foreign languages

| Language | Understanding | | Speaking | | Writing |
|----------|---------------|----------|--------------------|-------------------|--------------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | Advanced | Advanced | Intermediate | Intermediate | Intermediate |
| French | Advanced | Advanced | Intermediate | Intermediate | Intermediate |

*Self-assessment

Computer skills

Software: Microsoft Office (Word, Excel, PowerPoint);

Programming languages:

LaTeX for mathematical text editing,

R System for statistical programming

Contests

Inter-County Competition for surprises and language difficulties "Mihail Sebastian", Braila, 2006;

National Competition of Romanian Language and Literature "Mihai Eminescu", Botosani, 2005;

National Competition of Romanian Language and Literature "Mihai Eminescu", Galati, 2004;

International competition in mathematics and literature "Ion Barbu - Dan Barbilian", Calarasi, 2005;

International competition in mathematics and literature "Ion Barbu - Dan Barbilian", Calarasi, 2004

Publications

Andrei Băncilă, Mihaela Păun, Ștefan Popescu, Laura Păun, George Roată, Iris Mateescu, Marian Buțu, Andrei Păun, Manuela Sidoroff, "The SIS algorithm and its applications", Banat's Journal of Biotechnology, vol 2(2), 2011;

Mateescu I.M., Popescu S., Păun L., Roată G., Băncilă A., Oancea A. "Bioeconomy. What is bioeconomy? How will bioeconomy develop the next two decades?", Studia Universitatis "Vasile Goldiș", Life Sciences Series, Vol.21, issue 2, 2011;

Manuela Sidoroff, Anca Oancea, Iris Mateescu, Laura Păun, Andrei Băncilă, Ștefan Popescu, George Roată "MedPlaNet-medical plant network for enhancement of the comparative advantage of Călărași-Silistra cross-border area for sustainable development", Romanian Biological Sciences, vol. IX, no.1-4, 2011.