CURRICULUM VITAE

NAME: SĂVULEA
SURNAME: DOREL
DATE AND PLACE OF BIRTH: 15 November 1954
CIVIL STATUS: married, 1child

Studies

a) Gymnasium and High school
        From 1961 to 1969 I attended the classes of the primary and secondary school from Tunarii Vechi, Dolj County.
        From 1969 to 1973 I attended the classes of the high school "Fraţii Buzeşti", Craiova, sciences department.
b) University studies
        In 1973 I was accepted at the Faculty of Natural Sciences from Craiova, Informatics department.
        I graduated the university in 1977 with the average degree 10 for the graduation thesis – the theme of the paper: The Structure of the Information in the Database. Applications.
c) Post-university studies
        Between 1977-1978 I attended the courses of the fifth study year, the informatics department of the same faculty, the specialization "Operation Research" and I graduate with the grade 10 for the graduation thesis - theme of the thesis: Concepts Referring to the Formalization of the Data Structures.

Main Specialization: INFORMATICS

        Within this specialization I graduated the following skills upgrade courses:
1.   **Methods and Techniques of structured Programming**, The Academy "Ştefan Gheorghiu ", The Automatic Data Processing and Consultancy Centre, Bucharest, 1979
2.   **Efficient Methods and Techniques of Using the Computer Equipments**, The Central Informatics Institute (CII) and Computational Centre-MIEt, Bucharest, 1984.
3.   **The Efficient Use of SGBD on mini-computers**, CII and MIEt, Craiova,1988
4.   **Using personal computers IBM-PC**, Bucharest, 1989
5.   **Using the Projection methods on CORAL 8730**, MIEt Bucharest, 1990

Traineeships at national and international universities on education and research

1.   **L'Analyse des Données Multidimensionelles** l'Ecole d'Eté, 6 au 18 juillet 1992 à l'Université de Craiova (with the help of Consérvatoire des Arts et Métiers de Paris)

2.   **Université Libre de Bruxelles**, Belgium, 19.04.93-21.05.93

Doctorate

From 2005 I have been enrolled as a Ph.D. student with the theme "Tendencies in the Dynamic of the Main Macroeconomic Indicators in the Context of Romania's integration to the EU" at the University of Craiova, the Faculty of Economy and Business Administration, scientific coordinator Univ. Prof. Dr. Nicolae Vasilescu.

In the Doctoral School for Economic Sciences, I took the following exams in the period 2005-2006 thus graduating the courses of the Program of Advanced University Studies:
• The Methodology of Scientific Research in Economy;
• The Management of the economic research projects;
• The practice of the statistical survey. Case study.
• Modern methods and techniques in the predictive analysis;
• Informatics programs used in the statistical analysis;
• Using the MINITAB in the statistic analysis.
The courses ended with the Project of scientific research with the title "Tendencies in the dynamic of the main macroeconomic indicators in the context of Romania's integration in the European Union."
All the exams and the research project were given a maximum grade.

Between 2006-2007 I participated to specific actives of the scientific research program, and presented three scientific research reports listed bellow:
• General considerations referring to the system of macroeconomic indicators in the context of Romania's integration in the European Union;
• Methodological problems referring to the calculus and analysis of the macroeconomic indicators;
• Statistical analysis of the tendencies of the main macroeconomic indicators in the context of the integration in the European Union.
All the reports have been appreciated with "very good".
The results of the scientific research activity were harness by publishing some articles in the volumes from the international conferences and in CNCSIS journals.
In the period 2007-2008 I concluded he two intermediate scientific research reports which were in the individual preparation plan:
• Modern methods and techniques of data processing and analysis;
• The main macroeconomic correlations and the economic and their social implication.
The results have been published in journals recognized by CNCSIS.

Fulfilled functions

Analyst programmer in the Computational Centre of the Electrotechnical Industrial Centre (CC-EIC), with the headquarters in the enterprise Electroputere Craiova in the period: September 1978 –January 1992, where I had the following attributions:
• responsible for the improvement of the information system of CC-EIC Craiova;
• chief subsystem "Operational Research";
• chief subsystem "Plan-development";
• responsible with the projection activity assisted by the computer;
• member in the MIEt commission for the implementation of the systematized and distributed system of the ministry.
Between 1990-1992, as associated assistant at the Faculty of Mathematics and Computer Science.

In the period 1992-2002, teaching assistant at the Faculty of Mathematics and Computer Science, Computer Science Department.

From February 2002 up to the present, Lecturer at the Mathematics and Computer Science Faculty, Computer Science Department.

Membership in scientific societies

Member of the Romanian Mathematics Society from 1993 and up to the present.

Published books

1. **D. Săvulea,** A. Giurcă *The Practice of the logical programming*, Intarf Publishing House, ISBN 973-95984-7-1, Craiova, 1995, 205 pages.

Published papers in acknowledged journals and in the volumes of some international conferences

1. **Săvulea, D.** *Appreciations regarding the prediction of the Gross Domestic Product in the period after Romania's adherence to the EU.* The Young Economists Journal, Craiova, ISSN 1583-9982, 2007, pp.138-147 (C category)

2. **Săvulea, D.** *The analysis of the correlations between the main macroeconomic indicators of Romania in the context of its integration in the EU* International Scientific Conference "Economics and Globalisation" ECO-TREND 2007, Târgu-Jiu, November 2007 (accepted in the Annals of the University Constantin Brâncuşi, No. 1, 2008) (C category)

3. **Săvulea, D.** *Assessments regarding methodology and the significance of the main macroeconomic indicators*, Journal of Applied Economic Sciences, Vol. I, 2007, ISSN 1843-6110, Craiova, pp. 55-60

4. Vasilescu, N., Ionaşcu, I.,Costescu, M., **Săvulea, D.** *The main socio-economic effects generated by the introducing of tax unique quota,* Annals of the University of Craiova, Economic Sciences Series, XXXV, Vol. 3, ISBN 1223-365X, 2007, pp. 511-528 (B+ category)

5. **Săvulea, D**., Boboilă, C. *Romanian foreign trade with the EFTA states and CEFTA within the context of European Integration.* The international conference "Romania within the EU: opportunities, requirements and perspectives", 10-11 May 2007, Sibiu, Romania, ISBN 978-973-739-428-6, Vol. I, pp.53-60

6. Boboilă, C., **Săvulea, D.** *Internet and the electronic business.* The International Conference "Romania within the EU: opportunities, requirements and perspectives", 10-11 May 2007, Sibiu, Romania, ISBN 978-973-739-428-6, Vol. II, pp.372-381

7. **Săvulea, D.** *Time series analysis and forecasting using MINITAB.* The International Conference "Competitiveness and Stability in Knowledge-Based Economics", October 2006, ISBN 973-742-445-X, Craiova, Romania, pp.1420-1429

8. **Săvulea, D.**, Giurcă, A. *Logic Programs with Access Modifiers*, 4th International Conference on Artificial Intelligence and Digital Communication, AIDC'2004, June 2004, ISBN 973-671-014-9, Craiova, pp. 22-31.

9. **Săvulea, D.,** Giurcă, A. *An algebra of Logic programs with Applications in Distributed Environments,* The Annals of the University of Craiova, Mathematics and Computer Science Series, XXVIII, ISSN 1223-6934, 2001, pp.147-159 (B category)

10. Lupşoiu, C., **Săvulea, D.** *Construction de la probabilite sur un system de proposition*, Studia Universitatis, Babeş-Bolyai University of Cluj-Napoca, Series Informatica, Vol. XLII, No. 1, ISSN 1224-869X, 1997, pp.101-108 (B+ category)

Research contracts

1. Member of the contract No. 01091198/20.01.1999 referring to the implementation of the SGBD INFORMIX in the university environment, project realized together with the company PHOENIX SOFTWARE, Bucharest.

2. Grant No.5006/1996, Project: Mathematical Models for Knowledge Representation - member

3. Member in the evaluation and approval committee for the contract no. 539a/18.05.1995 related to the project "Information System incorporated and distributed for holding enterprises" "Analysis" phase, at SC Electroputere S.A.

4. Member in the evaluation and approval committee for the contract no. 539b/18.05.1995 related to the project "Information System incorporated and distributed for holding enterprises "The Projection of the Functional Modules" phase, at S. C. Electroputere S.A.

Congresses or other scientific activities:

1. **D. Săvulea** *Artificial Intelligence Elements in the Oncological Informatics*, The National Medical Oncology Conference, Craiova, 11-14 April 2002

2. **D. Săvulea** *The allocation rules in deductive distributed databases*, Babeş-Bolyai University of Cluj-Napoca, Zilele Academice Clujene Symposium, 25.05-10.06.1998

3. **D. Săvulea** *Processing Interrogations in Deductive Databases*, Babeş-Bolyai University of Cluj-Napoca, Zilele Academice Clujene Symposium, 18-23.11. 1996

4. **D. Săvulea** *Parallel Processing in Deductive Databases*, Faculty of Mathematics and Computer Science, 6.12.1996

5. **D. Săvulea** *Necessary and Sufficient Conditions for the Representation of Facts in Deductive Databases,* Babeş-Bolyai University of Cluj-Napoca, Zilele Academice Clujene Symposium, 23-27.10,1995.

6. **D. Săvulea** *Relational Aspects in Deductive Databases*, Faculty of Economic Sciences, Craiova, 1994

7. **D. Săvulea,** C. Lupşoiu *Multivalue Dependencies in Databases* Session of scientific papers "Informatics, Biomathematics, Computational Geometry ", Faculty of Mathematics and Computer Science, Craiova, 1992

8. **D. Săvulea,** C. Lupşoiu *Algorithms for the Determination of the Normal Shapes FN1-FN3* Session of scientific papers "Informatics, Biomathematics, Computational Geometry", Faculty of Mathematics and Computer Science, Craiova, 1992

9. **D. Săvulea** *Criteria of implementing the relational databases*, 1992, Informatics Department, Faculty of Mathematics and Computer Science, Craiova, 1992

10. **D. Săvulea** *Methods for the Implementation of the Relational Databases in Paradox 3.5* National Symposium of Artificial Intelligence and Applications, Craiova 1-3 October 1992

11. **D. Săvulea,** C. Boboilă *Optimum Criteria of Appreciating the Computer Network*, The Informatics Department, Faculty of Mathematics and Computer Science, Craiova, 1991

12. **D. Săvulea,** C. Lupşoiu, C. Boboilă *The Informatics of the Functional Dependencies in the Databases*, The Informatics Department, Faculty of Mathematics and Computer Science, Craiova, 1991

13. **D. Săvulea** *Using the Microcomputers in the technological operations*, the XVIth Symposium of Modern Calculus Techniques in Economy, Faculty of Economic Science, University of Craiova, 27-28.10.1989

14. **D. Săvulea**. *The Computer-Assisted Projection IBM-PC* The IVth Symposium of Peripheral Equipments, IEPER-Bucharest, 21-22.09.1989

15. **D. Săvulea** *Planning and Supervising the Repairing Procedures of the machines*, the Xth Symposium of Modern Techniques of Calculus in Economy, Faculty of Economic Science, University of Craiova, 3-4.06.1983.

Between 1978-1991, as an analyst-programmer at CC-EIC Craiova I did research regarding the following research/projection contracts for enterprises such as EIC and MIEt Computational Centre, Bucharest:

1. *Optimum Auction Programs for the Import-Export Products*, can be found in the library of the CC-EIC, Craiova, 1991

2. *Algorithms and Prediction Programs of the Market regarding the Import-Export Activity*, can be found in the library of the CC-EIC, Craiova, 1990

3. *The Management of the Manufacturing and Materials bills*, can be found in the library of the CC-EIC, Craiova, 1990

4. *Using the Maximum Time of the Machines and Tools*, product can be generalized, outlined in BIT no. 2/1989 al CC-MIEt Bucharest

5. *Implementing the Automatic Reports Programs*, created together with Computational Centre MIEt Bucharest, 1988

6. *The Management of the Invoices*, can be found in the library of the CC-EIC, Craiova, 1988

7. *Statistical Study referring to the Efficiency of the Products*, can be found in the library of the CC-EIC, Craiova, 1987

8. *The Adjustment of the Technological Operations*, can be found in the library of the CC-EIC, Craiova, 1986

9. *The Calculus of the Cams the for Autolathe***,** can be found in the library of the CC-EIC, Craiova, 1985

10. *Calculus of the cylindrical gearings*, can be found in the library of the CC-EIC, Craiova, 1984

11. *Elaborating the Thermic Balance for Electric Stoves*, can be found in the library of the CC-EIC, Craiova, 1983

12. *Statistical Study for the Wastes and Reshufflings***,** can be found in the library of the CC-EIC, Craiova, 1983

13. *Statistical Study for the Product Samples*, can be found in the library of the CC-EIC, Craiova, 1982

14. *Programs of Determining the Optimum Moments for the Replacement of the Spare Parts***,** can be found in the library of the CC-EIC, Craiova, 1981

15. *The Calculus of the Salaries Rights and the Personnel Register***,** (in cooperation), can be found in the library of the CC-EIC, Craiova, 1981

16. *The Programming and the Following of the Repairing Procedures for the Machines***,** can be found in the library of the CCEIC, Craiova, 1980

17. *The Optimization of the Tolls Debiting,* can be found in the library of the CCEIC, Craiova, 1980

18. *The Optimization of the Bidimensional References* (group work), can be found in the library of the CC-EIC, Craiova, 1980

19. *The Optimization of the Linear References* (group work), can be found in the library of the CC-EIC, Craiova, 1979