Curriculum Vitae

Personal Information

Name: Cristina Rubio-Escudero

Date and Place of Birth: 12-31-1980,
Granada, Spain

Nationality: Spanish

Age: 25

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Education

Postgraduate: January 2004

- Actually at the first year of postgraduate studies at the Artificial Intelligence Department, University of Granada (Spain).

University: September 1998 – June 2003

- Five-year M.Sc. degree in Computer Science, University of Granada. (Grades awarded among the top 5%).

    -Fifth year of this degree and Degree Project (September 2002-June 2003) done at the University of California, Davis with a scholarship granted by the University of California.

    -Third year of this degree (September 2000-June 2001) done at the Queen´s University of Belfast (Northern Ireland, U.K.), with a scholarship granted by the European Union.

Research Experience

- Actually research student at the University of Granada (Spain), in the Research Group "Soft Computing and Intelligent Information Systems". Research focussed in the Bioinformatics field, specially in gene expression problems related to the human genome.

- Collaboration in the development of a "Secure Systems Design Application Tool", at the University of California, Davis, Department of Computer Science , under the supervision of Dr. Jim Alves-Foss in the academic year 2002/03.

Publications and Communications

- Rubio-Escudero, C., Romero-Zaliz, R., Cordón, O., Harari, O., del Val, C., Zwir, I. Optimal Selection of Microarray Analysis Methods Using a Conceptual Clustering Algorithm. Applications of Evolutionary Computing, LNCS 3907, 2006.

- Romero-Zaliz, R., Rubio-Escudero, C., Cordón, O., Harari, O., del Val, C., Zwir, I. Mining Structural Databases : An Evolutionary Multi-Objective Conceptual Clustering Methodology. Applications of Evolutionary Computing, LNCS 3907, 2006.
- Romero, R.C., Cordón, O., Rubio-Escudero, C., Zwir, I. A Multiobjective Evolutionary Fuzzy System for Promoter Discovery in *E. coli*. I International Workshop on Genetic Fuzzy System, Granada, Spain, March 2005.

- Rubio-Escudero, C., Cordón., O., Zwir, I. Identifying meaningful temporal gene expression patterns. Affymetrix Annual Group Meeting, Edinburgh, May 2004.

Courses and Seminars Attended

- Masterly Course "Biology and genetics of cancer: promises, reality and challenges" given by Dr. Massagué, Member of the Cancer Biology and Genetics Program at Memorial Sloan-Kettering Cancer Center, N.Y. at the International University Menéndez Pelayo, Santander (Spain), July 2004.

- Affymetrix Annual Group Meeting, Edinburgh, May 2004.

- Short Course on gene microarray development and analysis, approaches to heart, lung, blood and sleep disorders at The Jackson Laboratory, Bar Harbor, Maine, April 2004.

Additional Information

- "Certificate of Proficiency in English " by the University of Cambridge in 2001.

- Teacher Assistant at the Queen's University of Belfast, Northern Ireland during the academic year 2000/01.

- Some publications not related to the Bioinformatics field:

    o Rubio *et al.*, "Human Development in the European Union and the Global South Market (MERCOSUR)", 2004, ISBN: 84-688-4381-4.
    o Rubio *et al.*, "Technology, Economy and Human Development ", Actitud Avemariana March 2003 number 18.
    o Rubio *et al.*, " Technologic Progress Index: European Union and Global South Market (MERCOSUR)", Hesperides, November 2002.
    o Rubio *et al.*, "Industrial Patrimony in Andalucia" Hesperides, November 2002.