

Stefan Gremalschi

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Objective

- To obtain an internship in Computational Biology research for the summer of 2007.

Educational background & awards

- 2005 - **PhD in Computer Science (Bioinformatics)**
present Department of Computer Science, Georgia State University.
Atlanta, USA.
Expected graduation December 2008.
- 2001 **B.S. in Computer Science,**
Department of Computers, Informatics and Microelectronics, Technical University
of Moldova, Chisinau, Republic of Moldova.

Publications

- [1] Poster: "Support Vector Machine and Clique Based Approach for Feature Selection in Protein Profiles". Gulsah Altun, Hae-Jin Hu, **Stefan Gremalschi**, Robert W. Harrison, Yi Pan. RECOMB'07.
- [2] Paper: "A Feature Selection Algorithm based on Graph Theory and Random Forests for Protein Secondary Structure Prediction". Gulsah Altun, Hae-Jin Hu, **Stefan Gremalschi**, Robert W. Harrison, Yi Pan. Accepted at ISBRA07.
- [3] Paper: "Genotype Susceptibility and Integrated Risk Factors for Complex Disease". Weidong Mao, Dumitru Brinza, Nisar Hundewale, **Stefan Gremalschi** and Alexander Zelikovsky. 2006 IEEE International Conference on Granular Computing (GrC 2006), pp. 754-757.
- [4] Poster: "Genetics Susceptibility Prediction to Complex Diseases". Weidong Mao, Nisar Hundewale, **Stefan Gremalschi** and Alexander Zelikovsky. The Second SECABC Fall Workshop on Biocomputing, 2005.

Skills and abilities

Programming Languages

Java, J2EE, Pascal/Object Pascal, C/C++, PHP, Perl, Visual Basic/ASP, Assembly.

Web Development

JSP, PHP, XML, CSS, DreamWeaver, (D/X)HTML, JavaScript, Flash ActionScript.

Database

MS SQL Server, MySQL, Access, Oracle, JDBC, ODBC.

Development Tools

Eclipse, Together, Java Builder, Visual Age for Java, Kawa, Delphi, InterDev etc.

Graphical Design

Adobe Photoshop, Illustrator, InDesign. Macromedia Flash.

Operating Systems

Win XP, 2K, 98, NT, Linux, Unix.

Professional Experience

August, 2005 – present

Georgia State University,
Atlanta, GA, USA

PhD Candidate.

Research area: Computational biology, Gene Regulatory Networks, Algorithms.
Graduate Lab Assistant.

December, 2004 – August, 2005

"TRIMETRICA" SRL
(Moldavian – American software company, ESRI official distributor in Moldova)

Manager. System Analysis and Technical Support Department.

Supervising "System Analysis and Technical Support Department". Client support contact person.
Building solutions for clients using ESRI software products and modules like ArcInfo 9.0, ArcIMS, ArcSDE etc. Customizing and adjustment to the clients needs.

December, 2002 – December, 2004

"Nexui SW" SRL
(Moldavian – Italian software development company)

Java software developer, Web Designer.

Work in team that is spreaded here in Moldova and in Italy, Developing a framework using Java and J2EE technologies: JSP, JDBC, XSP (dynamic XSL), XSL, XML, AWT/Swing; JUnit (class testing tool).
Creating product design using Adobe Photoshop, Illustrator, Macromedia Flash.

June, 2001 – September 2002

"IrisCube S.p.A."
(Italian software company)

Java software developer.

Work in team that is spreaded here in Moldova and in Italy, Developing a framework using Java and J2EE technologies: JSP, JDBC, EJB, XSP (dynamic XSL), XSL, XML, AWT/Swing; JUnit (class testing tool).

June, 2001 – December, 2001

"ARIA",
Agency for Enterprise Restructuring and Assistance.

Technical Coordinator / Web Developer

Technical Coordinator and Developer in the MBINet Project (Moldovan Business Information Network).
Implementing and supporting B2B portal: JSP, JavaBeans, Tomcat/Linux, Apache/Linux.