

ILIAS TSOUKATOS MSc.

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tsoukatosilias@gmail.com

Education Sep 1998 – Mar 2001 **University of California Riverside** California, USA

Master of Science, Computer Science

Thesis: **Data Mining - Efficient Mining of Spatiotemporal Patterns**

Courses: Compilers, Design & Analysis of Algorithms, Theory of Computation Advanced Operating Systems, Advanced Computer Architecture, Database Management Systems, Computer Graphics, Data Mining

Sep 1992 – Jun 1998 **National Technical University of Athens** Athens, Greece

B.S., Electrical and Computer Engineering

Thesis: **Object Oriented Design & Information Filtering for Innovative Tourism Multimedia Services through the Internet**

Work Experience Feb 2003 – Present **Gerco Ltd** Athens, Greece

Research and Development Director

- Air traffic control systems: computer network technologies
- Internal System Administration (Windows workstations and server, network administration, network security, firewall, webmaster, technical support)

Jul 2005 – Present **University of Indianapolis, Athens** Athens, Greece

Computer Science Department – Instruction

- Courses: Discrete Mathematics, Calculus and Analytical Geometry, Advanced Calculus, Linear Algebra, Statistics, C++/Object Oriented Programming, CNAP Cisco Networking Academy Program.

Oct 2002– Jan 2003 **Mediterranean College** Athens, Greece

Computer Science Department – Instruction

- Courses: Microprocessors, C++ Programming, Data Structures and Algorithms, Artificial Intelligence, Microsoft Office 2000.

Mar 2001– Jun 2002 **Adobe Systems Inc** San Jose, California, USA

Software Development Engineer – E-forms solutions, InScope

- Member of the AlterCast development team
- Web component programming: AlterCast Server (JNI, Tomcat, Servlet)
- Member of the InScope development team
- Java programming: InScope Server
- Migration from Oracle 8i to Microsoft SQL Server (database server)

Jun 1999 – Sep 1999
Jun 2000 – Mar 2001 **University of California Riverside** California, USA

Computer Science Department – Research Assistant

- Spatiotemporal data mining: developed an algorithm for efficient mining of spatiotemporal patterns in environmental data. (C++)

Sep 1998 – Dec 2000 **University of California Riverside** California, USA

Computer Science Department – Teaching Assistant

- One-on-one and group instruction for classes consisting of 25-30 undergraduate students.
- Prepared teaching materials, evaluated progress of students and reported to professors and class instructors.
- Classes: C++ Programming, Data Structures & Algorithms, Database Systems, Theory of Automata and Formal Languages

Jun 1998 **National Technical University of Athens** Athens, Greece

Electrical and Computer Engineering Department – Instruction

- Seminars in Eastern Europe: Visual Basic, Javascript, Internet Applications & Design, Databases, Web Publishing funded by EU.

Feb 1998 – Sep 1998 **National Technical University of Athens** Athens, Greece

Electrical and Computer Engineering Department – Research Assistant

- Visual Basic applications, Internet/Database applications , Java/Corba applications.

Publications

“Efficient Mining of Spatiotemporal Patterns” I. Tsoukatos, D. Gunopulos

Computer Science Department, UC Riverside, USA

Presented: **The Seventh International Symposium on Spatial and Temporal Databases, SSTD’2001**, Redondo Beach, Los Angeles, California, USA, July 12-15 2001.

“Object Oriented Design & Information Filtering for Innovative Tourism Multimedia Services through the Internet” A. Michalas, I. Tsoukatos, J. Economou, V. Loumos & E. Kayafas

Electrical & Computer Engineering Department, National Technical University of Athens

Presented: **International Conference on Telecommunications ICT’98**, Porto Carras, Greece, June 22-25 1998

Certifications

CCAI Cisco Certified Academy Instructor 2007

Technical Skills

Operating systems: UNIX, Linux, Windows 2K, Windows XP

Programming languages: C/C++, STL, Perl, Java, JScript, PHP, ASP, XML, XSLT, JDOM, Java Servlets, JSP, CGI/HTML, SQL, Visual Basic, VBScript, VRML

Tools: MS Office 2003, FrontPage, Adobe Photoshop, Illustrator, Macromedia Flash

Database systems: Oracle, Microsoft SQL Server, MS Access, MySQL

Applications: MS Internet Information Server, Netscape iPlanet Enterprise Server, Apache Tomcat, Apache Web Server

Awards

Outstanding Teaching Assistant of the Year Award, 1999-2000

Graduate Fellowship Award, 1999-2000, 2000-2001

Recommendations

Michael Matsumoto, matsumot@adobe.com

Engineering Manager, Adobe Systems Inc, San Jose, California, USA

Dimitris Gunopulos, dg@cs.ucr.edu

Assistant Professor, Computer Science Department, University of California Riverside

Vasilis Tsotras, tsotras@cs.ucr.edu

Professor, Computer Science Department, University of California Riverside