

# CURRICULUM VITAE

## YANNIS NIKOLAOU PANAGIS

<b>Date and place of birth</b>	: Lamia, Greece
<b>Marital status</b>	: Single
<b>Citizenship</b>	: Greek
<b>Office address</b>	: Comp. Eng. & Inf. Dept, University of Patras, GR-265 00, PATRAS, GREECE
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### 1. EDUCATION

- **June 2004 – now:** PhD Candidate, University of Patras, Computer Engineering and Informatics Department.
- **October 2001-February 2004:** Master student in Computer Science, University of Patras, Computer Engineering and Informatics Department.
- **October 1996-October 2001:** Degree in Computer Engineering and Informatics, University of Patras

### 2. LANGUAGES

- Greek (Native)
- English (Fluent)
- German (Moderate)

### 3. CURRENT POSITION

- Postgraduate Researcher

### 4. RESEARCH INTERESTS

Data Structures, String Algorithms, Web Information Retrieval

### 5. RESEARCH WORK

#### Book Chapters:

C. Makris, Y. Panagis, K. Perdikuri, S. Sioutas, E. Theodoridis, A. Tsakalidis and K. Tsihclas. “New Upper Bounds on Various String Manipulation Problems”. In *Text in Algorithms* vol. 2: String Algorithmics, C. Iliopoulos and T. Lecroq (eds.), King's College Publications, ISBN 1-904987-0-2-8, pp. 171-193, 2004.

#### Publications in Journals:

- A1) Eleni Christopoulou, John Garofalakis, Christos Makris, Yannis Panagis, Evangelos Sakkopoulos, Athanasios Psaras-Chatzigeorgiou and Athanasios Tsakalidis, "Techniques and Metrics for Website Reorganization", in *Journal of Web Engineering*, Rinton Press, Vol. 2, No. 1&2, pp090-114, 2003.
- A2) George Lagogiannis, Christos Makris, Yannis Panagis, Spiros Sioutas, Kostas Tsihclas, "New Dynamic Balanced Search Trees with Worst-Case Constant Update Time", *Journal of Automata, Languages and Combinatorics*, Vol. 8, No. 4, pp. 607-632, 2003
- A3) George Lagogiannis, Christos Makris, Yannis Panagis, Spiros Sioutas, Kostas Tsihclas, "Rectangle Enclosure Reporting in Linear Space Revisited", *Journal of Automata, Languages and Combinatorics*, Vol. 8, No. 4, pp. 633-645, 2003

### **Publications in Conferences:**

- B1) Yannis Panagis, Evangelos Sakkopoulos, Spiros Sirmakessis, Athanasios Tsakalidis, Giannis Tzimas. Discovering Re-Usable Design Solutions in Web Conceptual Schemas: Metrics and Methodology, in *Proc. 5<sup>th</sup> International Conference on Web Engineering*, ICWE05, to appear.
- B2) D. Avramouli, J. Garofalakis, D. J. Kavvadias, C. Makris, Y. Panagis and E. Sakkopoulos. "Popular Web Hot Spots Identification and Visualization", in *International World-Wide Web Conference*, WWW2005, Poster presentation, to appear.
- B3) John Garofalakis, Theofanis Matsoukas, Yannis Panagis, Evangelos Sakkopoulos, Athanasios Tsakalidis, "Personalization Techniques for Web Search Results Categorization", in *IEEE Conference on e-Technology, e-Commerce and e-Service*, EEE05, Hong Kong, 29 March – 1 April, to appear.
- B4) C. Makris, Y. Panagis and E. Theodoridis. "Efficient Algorithms for Handling Molecular Weighted Sequences and Applications", in session "Computational Methods in Molecular Biology and Medicine", of the *International Conference of Computational Methods in Sciences and Engineering (ICCMSE 2004)* pp. 705-708, 2004.
- B5) John Garofalakis, Yannis Panagis, Evangelos Sakkopoulos and Athanasios Tsakalidis. "Web Service Discovery Mechanisms: Looking for a Needle in a Haystack?". *International Workshop on Web Engineering, "Hypermedia Development & Web Engineering Principles and Techniques: Put them in use."*, in conjunction with *ACM Hypertext 2004*, Santa Cruz, August 10, 2004.
- B6) Costas Iliopoulos, Christos Makris, Yannis Panagis, Katerina Perdikuri, Evangelos Theodoridis, Athanasios Tsakalidis, "Efficient Algorithms for Handling Molecular Weighted Sequences", In *Proc. IFIP-Theoretical Computer Science*, IFIP-TCS 2004, pp. 273-285, 2004.
- B7) Costas Iliopoulos, Christos Makris, Ioannis Panagis, Katerina Perdikuri, Evangelos Theodoridis, Athanasios Tsakalidis, "Computing the Repetitions in a Weighted Sequence using Weighted Suffix Trees", in *European Conference in Computational Biology (2003)*, Posters Track.
- B8) Y.Panagis, E. Theodoridis and K. Tsihclas "Data Structuring Applications for String Problems in Biological sequences", In *Computational Methods and String Manipulation Techniques in Molecular Biology*, Invited Session in the *International Conference on Computational Methods in Science and Engineering (ICCMSE2003)*, pp. 479 - 483, 2003.
- B9) Eleni Christopoulou, John Garofalakis, Christos Makris, Yannis Panagis, Evangelos Sakkopoulos, Athanasios Psaras-Chatzigeorgiou and Athanasios Tsakalidis, "Techniques and Metrics for Website Reorganization", in *12<sup>th</sup> International Conference on World Wide Web*, WWW2003, Posters Track.

B10) Eleni Christopoulou, John Garofalakis, Christos Makris, Yannis Panagis, Evangelos Sakkopoulos and Athanasios Tsakalidis, Automating Restructuring of Web Applications, *ACM Conference on Hypertext and Hypermedia*, HT02, Posters Track

B11) George Lagogiannis, Yannis Panagis, Spiros Sioutas, Kostas Tsichlas, Rectangle Enclosure Reporting in Linear Space Revisited, In *13<sup>th</sup> Australasian Workshop on Combinatorial Algorithms*, AWOCA 2002

B12) George Lagogiannis, Christos Makris, Yannis Panagis, Spiros Sioutas, Kostas Tsichlas, New Dynamic Balanced Search Trees with Worst-Case Constant Update Time, In *13<sup>th</sup> Australasian Workshop on Combinatorial Algorithms*, AWOCA 2002

## 6. TEACHING EXPERIENCE

- **October 2001-January 2002:** Teaching Assistant in the course “Information Retrieval”
- **February 2002 – June 2002:** Teaching Assistant in the course “Advanced Data Structures and Computer Graphics”
- **October 2002-January 2003:** Teaching Assistant in the course “Information Retrieval”
- **October 2002-January 2003:** Teaching Assistant in the course “Data Structures”
- **February 2003 – June 2003:** Teaching Assistant in the course “Advanced Data Structures and Computer Graphics”
- **October 2003-January 2004:** Teaching Assistant in the course “Data Structures”
- **February 2004 – June 2004:** Teaching Assistant in the course “Advanced Data Structures and Computer Graphics”

## 7. PROFESSIONAL EXPERIENCE

- **January 2002 – March 2004:** Participation in project **PANDA (Patterns for Next generation Database systems)**, FET-IST-2001-33058
- **June 2002 – December 2002:** Participation in project **StatObject** IST-2001-33386
- **September 2003 – December 2003:** Administration Engineer in the project “Support of Computer Science Studies”, funded by the Greek Ministry of Education/EPEAEK II.

**April 13, 2005**