Curriculum Vitae

Personal Information	**Last name:** Sielis **Name:** Georgios **Birth Date:** 24/08/1981 **Place of Birth:** Paphos, Cyprus **Address:** 14 Arch. Kyprianou Pera Orinis, 2650, Nicosia **Telephone No.:** (+357) 99218020 **E-mail:** sielis@gmail.com
Education	• **MBA – University of Cyprus (Sep 2021 – Present)** • **PhD in Computer Science, Computer Science Department, University of Cyprus (Sep 2008-Nov 2016)** *PhD Thesis Title: "Context-Aware Recommendation-Based Educational Tool for Enhancing the High-Level Software Modelling Process with Design Patterns"* Research Topics: *Software Engineering, Recommendation Systems, Context Awareness, Creativity* • **MSc in Computer Science and Information Technologies. Computer Engineering and Informatics Department, University of Patras (Oct 2006 –2008)** *Master Thesis Title: "Virtual Learning Environments for Determination and Prediction of Students' Reactions"* • **BEng in Computer Engineering & Informatics. University of Patras, Greece (official length of degree: 5 years) (Oct 2001 – Nov 2006)** *Thesis Title: "Application of Computational Intelligence Techniques on User Modelling in Intelligent Virtual Learning Systems"* • **3rd Lyceum of Agios Neofytos Pafos, Cyprus (Sep 1995 – Jul 1999)** Graduation degree grade: 17 5/11 (honours) • **Military School of Reserve Officers Crete, Greece (Aug 1999 – Dec 1999)** Graduate as an officer on probation of infantry. • **University Institute National Politechnique de Grenoble's (Feb 2005 – Jun 2005)** *Socrates Erasmus students exchange program.*
Experience	• Software Engineer Lead at TSYS – Cyprus (**Oct 2018 - present**) • Senior Software Developer at Profile SW – Cyprus (**Nov 2017 – Oct 2018**) • Senior Software Developer at CyR.I.C. (Cyprus Research & Innovation Center) (**Sep 2015-Nov 2017**) • Working as Software Developer **in NCR (M.E.A.),** Professional Services Department (**Feb 2011 – Aug 2015**) • Working as Research Assistant in S.E.I.T. Lab University of Cyprus, Computers Science Dep. (**Sep 2008 – Feb 2011**), **idSpace** Project FP7 European Funded Programme-WP3 Context Awareness. • Intership Navigation (Shipping Company - IT Department, Position Software Engineer) (**1st June 2007 – 1st May 2008**) • Working in **Options Software Development Company (May 2006 – April 2007)** Position software developer, for windows applications, web-applications, web-services. **(Patra-Greece), Managers: Ch. Kostopoulos - J.Panaretou** **Research Experience** • Part Time Lecturer at European University of Cyprus (Spring Semester 2017) - Teaching Courses: Software Engineering (Master), Web Engineering (Master) • Research Assistant/Special Scientist in S.E.I.T. Lab (Director: Prof. Papadopoulos G.) on Context Awareness, Recommendation Systems (Apr 2010-Oct 2012) • Working in the Laboratory for Pattern Recognition (Director: Prof Likothanassis S.) on e-Learning Systems using Computational Methods (Sep 2005 – Jun 2008) • **Teaching Experience (Spring Semester 2006) University of Patras** Teaching Assistant in Computational Theory course. • **Military Service (Jul 1999–Sep 2001).** Cyprus Army, Infantry Second Lieutenant *Main activities and responsibilities*: Company Second in command officer, Squad Commandant, Supervise and train soldiers.

Publications	**Journal Papers**
	• **George A. Sielis**, Aimilia Tzanavari, George A. Papadopoulos, *ArchReco: A Software Tool to Assist Software Design Based on Context Aware Recommendations of Design Patterns*, Journal of Software Engineering Research and Development, 2017, DOI: 10.1186/s40411-017-0036-y
	• **George A. Sielis** and Christos Mettouris and George A. Papadopoulos and Aimilia Tzanavari and Roger M.G. Dols and Quintin Siebers, *A Context Aware Recommender System for Creativity Support Tools*, J-JUCS, 2011, volume 17, no. 12, p. 1743-1763
	Conference Papers
	• **Sielis, G. A.**, Tzanavari, A., & Papadopoulos, G. A. (2016). A Social Creativity Support Tool Enhanced by Recommendation Algorithms: The Case of Software Architecture Design. In *Knowledge, Information and Creativity Support Systems* (pp. 457-466). Springer International Publishing.
	• George A. Sielis Aimilia Tzanavari George Papadopoulos. **ArchReco: Software Architecture Design Tool Enhanced by Context Aware Recommendations for Design Patterns**", ECSA 2015 Dubrovinic, Croatia
	• Achilleas P. Achilleos, Georgia M. Kapitsaki, **George Sielis**, and George A. Papadopoulos, "The COIN Platform: Supporting the Marine Shipping Industrial Sector", *Demo Paper, The 24th International Conference on Software Engineering and Knowledge Engineering (SEKE)*, 2012.
	• Achilleas P. Achilleos, Georgia M. Kapitsaki, **George Sielis**, Michele Sesana, Sergio Gusmeroli and George A. Papadopoulos, "Enterprise COllaboration and INteroperability (COIN) platform: Two Case Studies in the Marine Shipping Domain", 13th International Conference on Web Information System Engineering (WISE 2012).
	• A. Achilleos, **G. Sielis**, G. A. Papadopoulos and M. Andreou, "Applying COIN services to the Cyprus shipping sector: Preliminary results", *eChallenges Conference*, 2011.
	• **George A. Sielis,** George A. Papadopoulos, Andrina Granic, *Design of a Multi-interface Creativity Support Tool for the Enhancement of the Creativity Process*. HCI (8) 2011: 632-641
	• **Sielis A. G.**, Tzanavari A.,Papadopoulos A. G., *Enhancing the Creativity Process By Adding Context Awareness in Creativity Support Tools*, *HCI 09 International, San Diego*, 2009
	• Tzanavari, A., **Sielis, A. G**., Papadopoulos, A. G., *Creativity Support Tools: Adding Context Awareness*, *HCI2008 Workshop- HCI for Technology Enhanced Learning,* pp.71-76, 2008
	• Eureka07 Conference, Patra 2007, *Adaptive Evolutionary Virtual Learning Environments for Students Evaluation,* **George Sielis**, Michael Mpousios, Likothanassis Spiridon.
	Book Chapters
	• **George A. Sielis**, Aimilia Tzanavari, George A. Papadopoulos. *Recommender Systems Review: Types, Techniques and Applications*, IGI Global Encyclopedia
	• **George A. Sielis**, Christos Mettouris, Aimilia Tzanavari, George A. Papadopoulos, *Context-aware Recommendations using Topic Maps Technology for the Enhancement of the Creativity Process*, (ERSAT) Educational Recommender Systems and Technologies: Practices and Challenges 2011, DOI: 10.4018/978-1-61350-489-5, ISBN13: 9781613504895
	• Achilleos, **G. Sielis**, G. A. Papadopoulos, *An EI/EC Pilot in a Marine Shipping Network*, The COIN Book Enterprise Collaboration and Interoperability, p 114-117, ISBN 3-86130-713-8, 2011.
Skills	• *Programming:* C, C++, JAVA,VB.NET, C#.NET • *Modelling***:** MATLAB, PROTÉGE (Ontology editor), Jena framework • *Web Development***:** HTML, PHP, XML/XSL, ASP.NET, jquery, jscript, AngularJS • *Databases*: MySQL, MSSQL, Apache Lucene, SPARQL, MongoDB • *Languages***:** Native in Greek, Fluent in English (GCE O-Level: B)
Awards – Activities	• Certificate of Attendance: Core Spring: Developing with Spring Framework. (Oct. 9-12 2007). • 2nd Winner, in Greek Finals for Imagine Cup 07, Microsoft Student Technology competition. Category: Software Design. (2007)