

CURRICULUM VITAE

Stavros Simou

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Sex Male | Date of Birth 21/01/1970

EDUCATION

Studies

- | | |
|-------------|---|
| 2013 - 2017 | <i>Phd "Cultural Informatics and Communication"</i>
University of the Aegean, Cultural Technology and Communication, Lesvos, Greece
Thesis title: «Designing Cloud Forensic-enabled Systems» |
| 2007 - 2009 | <i>Msc "Cultural Informatics and Communication"</i>
University of the Aegean, Cultural Technology and Communication (Social Sciences Faculty), Lesvos, Greece |
| 1991 - 1994 | <i>Bsc Computing</i>
University of Westminster, London England |

Training (Certified)

- Ministry of Education and Religious Affairs - General Secretariat for Lifelong Learning (IDEKE)***
- Teacher Training on Lifelong Learning (100 hours), 2007-2008
- National Organization for the Certification of Qualifications (EKEPIS)***
- Teacher training on Lifelong Learning (300 hours), 2006-2007

Seminars

- National Centre for Public Administration and Local Government (EKDDA)***
- Project Management (70 hours), 2012
 - E-Government (35 hours), 2007
 - Public Procurement (35 hours), 2005
- General Secretariat for Lifelong Learning (IDEKE)***
- Teacher training on Vulnerable Social Groups (25 hours), 2011
 - Teacher training on Online/Web based Education (25 hours), 2011
- Interface Business & Information Training S.A.***
- Project Management (16 hours), 2001
 - Project Management (16 hours), 1996
 - Sales Management (20 hours), 1996

Publications

- Kitsiou, A., Sideri, M., Pantelelis, M., Simou, S., Mavroeidi, A. G., Vgena, K., ... & Kalloniatis, C. (2025). Developers' mindset on self-adaptive privacy and its requirements for cloud computing environments. *International Journal of Information Security*, 24(1), 1-27.
- Kitsiou, A., Pantelelis, M., Mazarakis, P. A., Mavroeidi, A. G., Simou, S., Tzortzaki, E., ... & Kalloniatis, C. (2025). Self-Adaptive Privacy in Cloud Computing Environments: Developing an Integrated Framework and a Beta Tool for Social Media Platforms. *Electronics*, 14(7), 1412.
- Kitsiou, A., Sideri, M., Pantelelis, M., Simou, S., Mavroeidi, A. G., Vgena, K., ... & Kalloniatis, C. (2024). Specification of Self-Adaptive Privacy-Related Requirements within Cloud Computing Environments (CCE). *Sensors*, 24(10), 3227.
- Kitsiou, A., Sideri, M., Mavroeidi, A. G., Vgena, K., Tzortzaki, E., Pantelelis, M., ... & Kalloniatis, C. (2024). A Set of Social Requirements for Self-adaptive Privacy Management Based on Social Groups' Belonging. *Int. J. Adv. Secur*, 17, 82-91.
- Simou, S., Mavroeidi, A. G., & Kalloniatis, C. Review on Privacy and Trust Methodologies in Cloud Computing. In: European Symposium on Research in Computer Security. Cham: Springer Nature Switzerland, 2023. p. 494-505.
- Rodopoulou, D. C., Kadrefi, A., Kalloniatis, C., Kitsiou, A., Koltsaki, M., Kyriakaki, A., ... & Mavri, M. Aegean Digital Tourism Tank: Experiences and Products for Enhancing the Sustainable Preservation of Digital Heritage of Cultural Organizations of North Aegean. In: International Conference on Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage. Cham: Springer Nature Switzerland, 2023. p. 401-410.
- Kitsiou, A., Pantelelis, M., Mavroeidi, A. G., Sideri, M., Simou, S., Vgena, A., ... & Kalloniatis, C. Self-Adaptive Privacy in Cloud Computing: An overview under an interdisciplinary spectrum. In: Proceedings of the 26th Pan-Hellenic Conference on Informatics. 2022. p. 64-69.
- Simou, S., Kalloniatis, C., Gritzalis, S., Katos, V., & Psalidas, M. (2022). Revised forensic framework validation and cloud forensic readiness. *International Journal of Electronic Governance*, 14(1-2), 236-263.
- Simou S, Kalloniatis C, Gritzalis S, Katos V, *A Revised Forensic Process for Aligning the Investigation Process with the Design of Forensic-enabled Cloud Services*. In: S. Katsikas, V. Zorkadis (eds), e-Democracy 2019, 8th International Conference, Communications in Computer and Information Science 1111, Springer Cham, Athens, Greece, 2019. p. 161-177.
- Simou S, Troumpis J, Kalloniatis C, Kavroudakis D, Gritzalis S, *A Decision-Making Approach for Improving Organizations' Cloud Forensic Readiness*. In: Furnell S., Mouratidis H., Pernul G. (eds), Trust, Privacy and Security in Digital Business. TrustBus 2018, 15th International Conference, Lecture Notes in Computer Science 11033, Springer Cham, Regensburg, Germany, 2018. p. 150-164.
- Simou, S., Kalloniatis, C., Gritzalis, S., & Katos, V. (2019). A framework for designing cloud forensic-enabled services (CFeS). *Requirements Engineering*, 24(3), 403-430.
- Simou S, Kalloniatis C, Gritzalis S, *Modelling Cloud Forensic-Enabled Services*. In: J. Lopez, S. Fischer-Huebner, C. Lambrinoudakis (Eds), Trust, Privacy and Security in Digital Business. TrustBus 2017, 14th International Conference, Lecture Notes in Computer Science 10442, Springer International Publishing, Lyon, France, 2017. p. 147-163.
- Simou S, Kalloniatis C, Mouratidis H, Gritzalis S, *A survey on cloud forensics challenges and solutions*. *Security and Communication Networks*. 2016.

Simou S, Kalloniatis C, Mouratidis H, Grtzalis S, *Towards a Model-Based Framework for Forensic-Enabled Cloud Information Systems*. In: S. Katsikas, C. Lambrinoudakis, S. Furnell (Eds), *Trust, Privacy and Security in Digital Business*. TrustBus 2016, 13th International Conference, Lecture Notes in Computer Science 9830, Springer International Publishing, Porto, Portugal, 2016. p. 35-47.

Simou S, Kalloniatis C, Mouratidis H, Grtzalis S, *A Meta-model for Assisting a Cloud Forensics Process*. In: C. Lambrinoudakis, A. Gabillon (Eds), *Risks and Security of Internet and Systems*. CRiSIS 2015 10th International Conference, Lecture Notes in Computer Science 9572, Springer International Publishing, Mytilene, Greece, 2015. p. 177-187.

Simou S, Kalloniatis C, Mouratidis H, Grtzalis S, *Towards the Development of a Cloud Forensics Methodology: A Conceptual Model*. In: A. Persson, J. Stirna (Eds), *Advanced Information Systems Engineering Workshops, CAiSE 2015 International Workshops*, Lecture Notes in Business Information Processing 215, Springer International Publishing, Stockholm, Sweden, 2015. p. 470-481.

Simou S, Kalloniatis C, Kavakli E, Grtzalis S, *Cloud Forensics: Identifying the Major Issues and Challenges*. In: M. Jarke, J. Mylopoulos, C. Quix, C. Rolland, Y. Manolopoulos, H. Mouratidis, J. Horkoff (Eds), *Advanced Information Systems Engineering, CAiSE 2014 26th International Conference*, Lecture Notes in Computer Science 8484, Springer International Publishing, Thessaloniki, Greece, 2014. p. 271-284.

Simou S, Kalloniatis C, Kavakli E, Grtzalis S, *Cloud Forensics Solutions: A Review*. In: L. Iliadis, M. Papazoglou, and K. Pohl (Eds.), *Advanced Information Systems Engineering Workshops, CAiSE 2014 International Workshops*, Lecture Notes in Business Information Processing 178, Springer International Publishing, Thessaloniki, Greece, 2014. p. 299-309.

Reviewer

TrustBus	RCIS
EGOVIS	CSAE
Information Systems	WIREs Forensic Science
CRiSIS	IS
MCIS	CRITIS
ICEIS	Gavin Publications
IGI	FORSCI
MDPI	IEEE Cloud
Symmetry	Intech
HCIS	IS
Wiley	Data
IEEE	Forensic Science International

Committees

Member of committee at Conference of Communication labs (cclabs 2025)
 Session Chair at 13th International Conference on Trust, Privacy and Security in Digital Business (TrustBus 2016)
 Session Chair at 2nd International Conference on Cultural Informatics, Communication & Media Studies (CICMS 2019)
 Member of committee at Summer School IPICS 2018
 Member of committee at Summer School IPICS 2015
 Member of committee at Summer School IPICS 2014

WORK EXPERIENCE

Jan./2018 – now

University of the Aegean

Laboratory Teaching Staff (Lecturer)

Dept. of Cultural Technology and
Communication

- **Main research field**
 - Security and privacy issues in cloud computing (Cloud Forensics)
- **Teaching Postgraduate students**
 - Object-oriented Language II – JAVA and Python (spring semester)
 - Software Engineering (spring semester)
 - Internet Technologies - HTML5 (spring semester)
 - Introduction to Programming - Python (winter semester)
 - Contemporary Issues of Databases (winter semester)
- **Research on the area**

Aug./2003 – Jan./2018

Information Technology Technician

University of the Aegean

Information Technology Services

- Help Desk
- Administrators support in Information Technology
- Coordinator of the voice network
- Supporting and management of the teleconference rooms
- Data network support
- Preparation of technical computer specifications

Sep./2000 – Jul./2003

Project Manager

ALTEC ABEE

Department of Integrated Solutions

- Management of public and private works contracts
- Signing contracts and project coordination supplies
- Coordination of working groups and management of human and material resources
- Schedules monitoring
- Risk management and systematic change management supplies

May/1996 – Sep./2000

Sales/Account Manager

SYSWARE AE

Department of Integrated Solutions

- Public and private sector clients management
- Expand sales to large accounts
- Orders management
- Human resources management

TEACHING EXPERIENCE

2025 - now

University of the Aegean

Teaching «*Object-Oriented Language II - Python*»,
Spring semester
Advanced Python. Exceptions and exception handling. Introduction
to Numpy library, creating multidimensional arrays and Numpy.
Import and export files and data using Pandas. Plotting using
Matplotlib, 3D charts for data visualization

2018 - 2024

University of the Aegean

Teaching «*Object-Oriented Language II - JAVA*»,
Spring semester

2016 & 2018 - now University of the Aegean	General principles of object-oriented programming, objects' behavior. Introduction to Java programming language. Variables, classes, objects and methods. Inheritance, polymorphism, encapsulation. Collections, arrays, interfaces. Exceptions and exception handling. Teaching lab course «<i>Software Engineering</i>», Spring Semester The course introduces students to the theoretical approaches, the methodologies and tools necessary for the development of software systems. It includes the following sections: software development models, software requirements, system design, techniques and tools for the software development, software quality, project management, etc.
2021-now University of the Aegean	Teaching « Internet Technologies» Winter Semesters The course introduces basic concepts and principles of computer networks, of the Internet and of the WWW. The HTML5 language is presented in detail, for the web page development, as well as the CSS3 technology for the common formatting/styling of documents in the Web. The course is also providing knowledge on principles and techniques of good practices in the design of websites. In the lab, students are getting familiar with the syntax and coding of HTML5/CSS3 languages, as well as with tools and techniques for the development and publication of websites.
2018-now University of the Aegean	Teaching « Contemporary Issues of Databases» Winter Semesters Brief review on the Relational Database, the Entity-Relationship models and the extended ER model. Relational Algebra and the different forms of Normalization. Introduction to PostgreSQL database. Designing and implementing applications using open source PostgreSQL. Use Structured Query Language (SQL) by implementing a complex variety of questions containing sorting, grouping and related questions. Use of the join statements. Modify and update databases, transactions and contemporary issues of databases.
2013-now University of the Aegean	Teaching lab course « Introduction to Programming (Python)» Winter Semesters General principles for program design, algorithms, flow charts, techniques for designing algorithms, solving algorithmic problems. Introduction to Programming. The Python programming language. Program elements: variables, constants, expressions, basic data types, operators. Data Input/Output. Decision control commands. Repeat structures, arrays, subprograms, etc.
2018 Czech University of Life Sciences Prague	Teaching lab course « Projecting of Information Systems – Application analysis » Winter Semesters General principles of Software Engineering. Introduction to object-oriented approaches and the UML language. Modelling approaches and different UML models. Software requirements and analysis. Designing systems and project management.

2010-now
**Vocational Training Institute (I.E.K.
Mytilene)**

Information Technology/Computing (MS Office, Data Bases,
Operating Systems, Networks, Image Maker-Photoshop, 3D
Graphics-Cinema 4D)

2010-2015
**National Centre for Public Administration
and Local Government (EKDDA)**

E-Government - Electronic Archiving and Document Management,
Cryptography

2005-2012
Adult Education Centers (KEE)

Information Technology/Computing (Basic Skills, MS Office,
Operating Systems, Networks)

2007-now
Vocational Training Centers (KEK)

Information Technology/Computing (Basic Skills, MS Office,
Operating Systems, Networks, MS Project, Cloud computing,
Green Technologies)

FOREIGN LANGUAGES

English

Fluently (Seven years studies in college and university in England)

GENERAL INFORMATION

Theater

Amateur actor in the Theatre Workshop of Mytilene Municipality

Sailing

Active member of the Mytilene Sailing Club. Participations in national and international races