

Curriculum Vitae

PERSONAL INFO

Full Name	Stergiou Christos
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Date of birth	22/04/1987
Nationality	Greek
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WORK EXPERIENCE

Time Period (from - to)	01/2017 – 10/2020
Company name	University of Macedonia
Working area	Research - Communications Systems
Position	Researcher (<i>Research group Mobility2Net</i>)-Phd Candidate
Description	<ul style="list-style-type: none"> ✓ <i>Researcher</i>, member of Research group Mobility2Net, in the field of Communications Systems. Speciality: "Algorithms for Big Data in Telecommunications and Cloud Computing". ✓ <i>Professor of Computer Science</i> in the department of "Applied Informatics" in the courses "Unified Communications and Applications" and "Business Data Communications". ✓ Writing & preparation of research proposals for European & Greek funding programs.
Time Period (from - to)	09/2016 – 09/2018
Company name	School of Pedagogical and Technological Education (ASPETE)
Working area	IT - Administration
Position	IT Administrator
Description	<ul style="list-style-type: none"> ✓ <i>IT</i>: Network Security, Information and website maintenance, Electrical and electronic equipment maintenance, Call center and teaching aids teaching, Maintenance and readiness workshops and teleconferences, ✓ <i>Administration</i>: Administration support, Update the program manager in ELKE/ASPETE., Educational assistance.
Time Period (from - to)	09/2015 – 11/2015
Company name	OTE (Hellenic Telecommunications Organisation) S.A.
Working area	Telecommunications
Position	Technical Support Help Desk
Description	Customer service by phone in services such as fixed telephony PSTN/ISDN, internet access ADSL/VDSL and IPTV.
Time Period (from - to)	02/2014 - 06/2015
Company name	Alfanet S.A.
Working area	Computer Science
Position	Ebay Department Manager (Product Manager Assistant) & IT Computer Engineer
Description	<p><i>IT Computer Engineer</i>: Laptop Services & Repairs, Mobile Services & Repairs, Tablet Services & Repairs.</p> <p><i>Ebay Department Manager – Product Manager Assistant</i>: Server Configurators, Sales & Market Research of Products, Blancoo Technician, Invoicing and reception of products.</p>
Time Period (from - to)	10/2012 - 06/2013
Company name	Greek Army
Working area	Telecommunications
Position	Operator Of Digital Terminal Devices and Cryptographic Engines
Description	During my military service in the body of Transmissions, in the section of "Pyrseia" and the management of military telecommunication networks. Management and support of the

	Military Telecommunication Network of Northern Greece.
Time Period (from - to)	05/2012 - <i>Present</i>
Working area	Internet
Position	Web site's creation, management and configuration.
Web Sites	<ol style="list-style-type: none"> 1) http://www.betchef.gr (<i>Wordpress Platform</i>) (05/2012 – 05/2014) 2) http://www.hatzaki.com (<i>JoomlaPlatform</i>) (10/2013 – 10/2014) 3) http://edumanagement.masters.aspete.gr/index.html (<i>HTML</i>) (09/2016 - 09/2018) 4) http://thessaloniki.aspete.gr/index.php/en/ (<i>JoomlaPlatform</i>) (09/2016 – 09/2018) 5) http://summarychrister.wordpress.com (<i>Wordpress Platform</i>) (05/2016 - Present) 6) http://cstergiou.gr/ (<i>HTML</i>) (02/2019 - Present) 7) https://stergiou.develobird.gr/ (<i>HTML</i>) (02/2019 - Present)
Time Period (from - to)	10/2008 - 03/2009
Company name	OTE (Hellenic Telecommunications Organisation) S.A.
Working area	Telecommunications
Position	Shop Employee - Accounting Department (Internship)
Description	<ul style="list-style-type: none"> ✓ Work on broadband services, internet, mobile telephony, fixed telephony, customer service / sales, involvement in accounting systems. ✓ Working in the accounting department. ✓ Work into position of Complaints and Customer Service.
Time Period (from - to)	05/2007 - 11/2016
Position	Computer's & mobile's service
Description	<ul style="list-style-type: none"> ✓ Repair & Upgrade of PC, Laptop, mobile & tablet. ✓ Format, maintenance, back up files, remote technical support.
TEACHING EXPERIENCE	
Time Period (from - to)	02/2020 – 06/2020
Company name	Mediterranean College of Thessaloniki – University of Derby
Working area	Education
Position	Professor of Computer Science
Description	<i>Professor of Computer Science</i> in the courses "Language Design & Implementation"
Time Period (from - to)	09/2017 – 11/2017
Company name	National Organization for Qualification of Qualifications and Professional Guidance - EOPPEP
Working area	Education
Position	Professor of Computer Science - Practitioner Examiner
Description	Practitioner Examiner on Certification Initial Vocational Training Examinations of Vocational Training Institutes 1st Period 2017.
Time Period (from - to)	12/2010 – 06/2020
Company name	School of Pedagogical and Technological Education (ASPETE)
Working area	Education
Position	Professor of Educational Computer Science (Laboratory Assistant)
Description	<p>(10/2019 – 06/2020): <i>Professor of Educational Computer Science in the specialty "Annual Training Program for Teachers" in the courses "Educational Technology - Multimedia" and "Pedagogical Applications", and Laboratory assistant in course in Practical Exercises of Teaching.</i></p> <p>(10/2018 – 04/2019): <i>Professor of Educational Computer Science in the specialty "Annual Training Program for Teachers" in the courses "Educational Technology - Multimedia" and "Pedagogical Applications", and Laboratory assistant in course in Practical Exercises of Teaching.</i></p> <p>(10/2017 – 04/2018): <i>Professor of Educational Computer Science in the specialty "Annual Training Program for Teachers" in the course "Educational Technology - Multimedia", and Laboratory assistant in course in Practical Exercises of Teaching.</i></p> <p>(12/2010 - 02/2011): <i>Laboratory assistant in the courses in Practical Exercises of Teaching.</i></p>

Time Period (from - to)	10/2010 – 06/2020
Working area	Education
Position	IT Instructor
Description	<u>Public Vocational Training Institute of Thessaloniki (02/2020 - 06/2020):</u> <i>Professor in the specialty "Technician of IT Applications" in the course "Databases Theory (SQL)".</i>
	<u>Public Vocational Training Institute of Monastiriou, Thessaloniki (10/2018 - 02/2020):</u> <i>Professor in the specialty "Technician of IT Applications" in the courses "Practice in the Specialty (HTML & Wordpress)", "Multimedia Tools Toys Construction (Adobe Flash)" and "Computer Architecture".</i>
	<u>Public Vocational Training Institute of Epanomi, Thessaloniki (02/2018 – 06/2018):</u> <i>Professor in the specialty "Technician of IT Applications" in course "Interactive Game Development in Small & Medium-Sized Environment (Java)", "Programming Language IV (OpenGL)" and "Multimedia Tools Toys Construction (Adobe Flash)".</i>
	<u>Public Vocational Training Institute of Neapoli, Thessaloniki (10/2017 - 06/2020):</u> <i>Professor in the specialty "Technician of IT Applications" in the courses "Practice in the Specialty (C & HTML)", "Internet application development tools (HTML)", "Tools for 3D Design (3DS Max)" and "Tools for Game Developing (UDK)".</i> <i>Professor in the specialty "Computer engineer" in the course "Operating Systems".</i>
	<u>Delta Vocational Training Institute (10/2017 - 06/2020):</u> <i>Professor in the specialty "Technician of IT Applications" in courses "Programming Language II (C)", "Programming Language III (Java)", "Tools for 3D Design (3DS Max)", "Tools for Game Developing (UDK)", "Operating Systems", "Interactive Game Development in Small & Medium-Sized Environment (Java & Android Studio)" and "Programming Language IV (OpenGL)".</i> <i>Professor in the specialty "Network Technician" in courses "Computer Architecture", "Computer Networks" and "Operating Systems".</i> <i>Professor in the specialty "Computer Technician" in courses "Data Communications", "Analog electronics (MultiSim)", "Digital Electronics (MultiSim)", "Telecommunications" and "Operating Systems (Windows & Ubuntu)".</i>
	<u>Alfa (Xinis) Vocational Training Institute, Thessaloniki (10/2015 – 06/2017):</u> <i>Professor in the specialty "Computer engineer" in course "Computer Networks".</i> <i>Professor in the specialty "Technician of IT Applications" in courses "Operating Systems (Windows & Ubuntu)", "Tools for 3D Design (3DS Max)" and "Tools for Game Developing (UDK)".</i> <i>Professor in the specialty "Automation engineer" in course "Circuit Design (MultiSim)".</i>
	<u>Public Vocational Training Institutes of Euosmo, Thessaloniki (10/2010 - 06/2020):</u> <i>Professor in the specialty "Network Technician" in courses "Install Server & Terminals (Ubuntu Server & Windows Server)" and "Computer Security".</i> <i>Professor in the specialty "Technician of Video Games" in course "Tools for Game Developing II (Doom Builder)".</i> <i>Professor in the specialty "Computer Technician" in courses "Computer Networks" and "Operating Systems (Windows & Ubuntu)".</i> <i>Professor in the specialty "Software Technician" in courses "Programming Language IV (C++)" and "Programming Language V (Java)".</i>

EDUCATION

Time Period (from - to)	01/2017 – 10/2020
Institution	University of Macedonia
School	School of Information Sciences
Degree	PhD
Specialization	Communications Systems: Algorithms for Big Data in Telecommunications and Cloud Computing
Time Period (from - to)	11/2014 - 06/2015
Institution	School of Pedagogical and Technological Education (ASPETE)
School	Annual Training Program for Teachers
Degree	Certificate of Proficiency for Teachers of Technological Education
Thesis	Importation the teaching of Information Technology in Education
Grade	9,4/10
Time Period (from - to)	12/2010 - 09/2016
Institution	University of Macedonia

School	School of Information Sciences
Degree	BSc in Technology Management
Specialization	Technology Management
Thesis	Recent Advantages delivered by the use of MCC and IoT combined with other wireless network technologies
Grade	6.48/10
Time Period (from - to)	10/2010 - 03/2012
Institution	Brunel University of London
School	School of Engineering and Design
Degree	MSc in Wireless Communication Systems
Thesis	WiMAX: From Foundations to Applications
Time Period (from - to)	10/2005 - 11/2009
Institution	Technological Educational Institute of Western Macedonia
Degree	BSc in Informatics and Computer Engineering
Specialization	Tele-applications and Safety
Thesis	Developing of an e-learning applications entitled "Multimedia Technology"
Grade	7,06/10
Time Period (from - to)	09/2002 - 09/2005
School	27th High School of Thessaloniki
Degree	High School Diploma

PERSONAL SKILLS

Native language:	Greek
Other Languages:	English (C1 - Experienced Speaker, B2 - National Language Certificate)
Programming Languages:	C, C++, Java, HTML, HTML5, CSS, PHP, XML, Javascript, OpenGL
Operating Systems:	Windows, Linux, Ubuntu, Macintosh
CRM & ERP Tools:	Oracle's Siebel, Singular Logic's SEN-CRM, SoftOne's Soft1
Simulation Tools:	Wireshark, Cooja Contiki, CloudSim, CloudAnalyst, MathWorks, OpNet
Mathematic & Statistic Tools:	MatLab, SPSS, R Studio, ΚΕΦΑΛΑΙΟ4
Graphic & Design Tools:	3D Studio Max, Unreal Engine, Doom Builder, Photoshop, Flash, Unity
Other:	Wordpress, Joomla, Dreamweaver, Toolbook, TeamViewer, Android Studio

ADDITIONAL INFORMATION

Publications in Magazines:	<ul style="list-style-type: none"> ✓ C. Stergiou, K. E. Psannis, "Recent advances delivered by Mobile Cloud Computing and Internet of Things for Big Data applications: a survey", Wiley, International Journal of Network Management, pp. 1-12, May 2016. ✓ C. Stergiou, K. E. Psannis, "Efficient and Secure Big Data delivery in Cloud Computing", Springer, Multimedia Tools and Applications, vol. 76, issue: 21, pp. 22803–22822, November 2017. ✓ C. Stergiou, K. E. Psannis, B.-G. Kim, B. Gupta, "Secure integration of IoT and Cloud Computing", Elsevier, Future Generation Computer Systems, vol. 78, part 3, pp. 964-975, January 2018. ✓ A. P. Plageras, K. E. Psannis, C. Stergiou, H. Wang, B. B. Gupta, "Efficient IoT-based sensor BIG Data collection-processing and analysis in Smart Buildings", Future Generation Computer Systems, vol. 82, pp. 349-357, May 2018. ✓ C. Stergiou, K. E. Psannis, A. P. Plageras, Y. Ishibashi, B.-G. Kim, "Algorithms for efficient digital media transmission over IoT and cloud networking", Journal of Multimedia Information System, vol. 5, issue: 1, pp. 27-34, March 2018. ✓ C. Stergiou, K. E. Psannis, B. Gupta, Y. Ishibashi, "Security, Privacy & Efficiency of Sustainable Cloud Computing for Big Data & IoT", Elsevier, Sustainable Computing, Informatics and Systems, vol. 19, pp. 174-184, September 2018. ✓ K. E. Psannis, C. Stergiou, B. B. Gupta, "Advanced Media-based Smart Big Data on Intelligent Cloud Systems", IEEE Transaction on Sustainable Computing, vol. 4, Issue: 1, pp. 77-87, January-March 2019. ✓ C. Stergiou, A. A. P. Plageras, K. E. Psannis, B. B. Gupta, "Secure Machine Learning scenario from Big Data in Cloud Computing via Internet of Things network", Springer, Handbook of Computer Networks and Cyber Security: Principles and Paradigms, Multimedia Systems and Applications, 2019. ✓ K. Psannis and C. Stergiou, "Effective and secure transfer of BIG Data to Cloud Computing with an algorithm", Journal-Periodical Edition of the University of Macedonia (T16), August 2018.
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Lectures in Conferences (Publications):

- ✓ **C. Stergiou**, K. E. Psannis, "Recent advances delivered in Mobile Cloud Computing's Security and Management challenges", IGI Global, Modern Principles, Practices, and Algorithms for Cloud Security, 2019.
- ✓ **C. Stergiou**, K. E. Psannis, "Mobile Cloud Computing in 4G Networks (LTE)", (2015), in Proceedings of 2nd Student Conference of Applied Informatics, 2 December 2015, Thessaloniki, Greece.
- ✓ **C. Stergiou**, K. E. Psannis, A. P. Plageras, G. Kokkonis, Y. Ishibashi, "Architecture for Security in IoT Environments", in Proceedings of 26th IEEE International Symposium on Industrial Electronics, 19-21 June 2017, Edinburgh, Scotland, UK.
- ✓ **C. Stergiou**, K. E. Psannis, "Algorithms for Big Data in Advanced Communication Systems and Cloud Computing", in Proceedings of 19th IEEE Conference on Business Informatics 2017 (CBI2017), Doctoral Consortium, 24-26 July 2017, Thessaloniki, Greece. **AWARDED**
- ✓ A. P. Plageras, **C. Stergiou**, K. E. Psannis, G. Kokkonis, Y. Ishibashi, Byung-Gyu Kim, Brij Gupta, "Efficient Large-Scale Medical Data (eHealth Big Data) Analytics in Internet of Things", in Proceedings of 19th IEEE International Conference on Business Informatics (CBI'17), International Workshop on the Internet of Things and Smart Services (ITSS2017), 24-26 July 2017, Thessaloniki, Greece.
- ✓ A. P. Plageras, **C. Stergiou**, K. E. Psannis, Byung-Gyu Kim, Brij Gupta, Y. Ishibashi, "Solutions for Inter-connectivity and Security in a Smart Hospital Building", in Proceedings of 15th IEEE International Conference on Industrial Informatics (INDIN 2017), 24-26 July 2017, Emden, Germany.
- ✓ **C. Stergiou**, K. E. Psannis, A. P. Plageras, T. Xifilidis, B. B. Gupta, "Security and Privacy of Big Data for Social Networking Services in Cloud", in Proceedings of IEEE conference on Computer Communications (IEEE INFOCOM 2018), 15-20 April 2018, Honolulu, HI, USA.
- ✓ **C. Stergiou**, A. P. Plageras, K. E. Psannis, T. Xifilidis, G. Kokkonis, S. Kontogiannis, K. Tsarava, A. Sapountzi, "Proposed High Level Architecture of a Smart Interconnected Interactive Classroom", in Proceedings of IEEE conference SEEDA-CECNSM 2018, 22-24 September 2018, Kastoria, Greece.
- ✓ A. P. Plageras, **C. L. Stergiou**, K. E. Psannis, "Internet of Things for Healthcare: Challenges & Perspectives", in Proceedings of New Technologies in Health: Medical, Legal & Ethical Issues, 21-22 November 2019, Thessaloniki, Greece.
- ✓ V. A. Memos, G. Minopoulos, **C. L. Stergiou**, K. E. Psannis, Y. Ishibashi, "A Revolutionary Interactive Smart Classroom (RISC) with the Use of Emerging Technologies", in Proceedings of 2nd International Conference on Computer Communication and the Internet (ICCCI 2020), 26-28 June 2020, Nagoya Institute of Technology, Japan.
- ✓ V. A. Memos, G. Minopoulos, **C. L. Stergiou**, K. Stergiou, A. P. Plageras, K. E. Psannis, "Integration of Emerging Technologies for Enhanced Treatment of Infectious Diseases", in Proceedings of 2nd International Conference on Big Data and Advanced Wireless Technologies (BDW20), 9-10 July 2020, held Online, UK.
- ✓ K. Stergiou, G. Minopoulos, V. A. Memos, **C. L. Stergiou**, A. P. Plageras, K. E. Psannis, "A Machine Learning Approach for Accelerating Drug Discovery against Epidemic Viruses", in Proceedings of 2nd International Conference on Big Data and Advanced Wireless Technologies (BDW20), 9-10 July 2020, held Online, UK.

Seminars:

- ✓ «Use of modern Information Systems and Applications in the organization and operation of businesses», 15/01/2014 – 05/06/2014, V.T.C. Technopolis Training S.A.
- ✓ "Aspects of Refugee Phenomenon", 11/09/2017 - 06/11/2017, Hellenic Open University.

Certifications:

- ✓ Programming in Python, Department of Informatics of Aristotle University, EKETA and GUnet, Issued May 2020.
- ✓ Adult Educational Instructor Proficiency Certificate E.O.P.P.E.P. - EB30433
- ✓ Education & Teaching Proficiency Certificate ASPAITE
- ✓ IT certificate "ict Intermediate"

Driving License:

Category: A, B

Military Service:

Completed