



**Ioannis
Kostikas**

DATE OF BIRTH:

23/11/1990

CONTACT

Nationality: Greek

Gender: Male



Athens, Greece



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WORK EXPERIENCE

2019 – 2020

Web developer, Content manager & e-learning architect

Laboratory of Vocational Guidance and Counseling, Faculty of Psychology, NKUA

Athens, Greece

12/2017 – 08/2019

Project manager

Science View, Hellenic Association of Science Journalists, Communicators and Writers

- Participation (implementation & dissemination) in the European ERASMUS + Projects: CREATEskills, CASE, SciCulture and Horizon2020 Projects: OSOS
- Web development & management
- Social media management
- Communication manager in the National project "Learning Science through Theater" 2017-2018, 2018-2019
- Project manager in the National project "Hellenic Student Parliament of Science" 2017-2018
- Participation as a national representative in the "European Student Parliament of Science", 6-10 / 10/2018, Toulouse, France
- Conducting Teacher Training Workshops
- Editor in publications & bulletins

Athens, Greece

09/2014 – 12/2018

Web developer, Content manager & e-learning architect

Faculty of Philosophy of Pedagogy and Psychology, National and Kapodistrian University of Athens

Athens, Greece

10/2016 – 09/2018

Participation in EU research projects

Faculty of Philosophy of Pedagogy and Psychology, National and Kapodistrian University of Athens

- Management and implementation of EU Horizon2020 project: CREATIONS and Erasmus+ projects: Play4Guidance, DESCI

Athens, Greece

02/01/2015 – 31/12/2015

Participation in EU research projects

Science View, Hellenic Association of Science Journalists, Communicators and Writers

- Management and implementation of EU Erasmus+ projects: Play4Guidance and CREAT-IT and the National projects "European Student Parliaments on Science" and "Learning Science through Theater"
- Supporting events and conferences

Athens, Greece

01/01/2014 – 31/12/2014

Education of Roma children

Center for Intercultural Education, National and Kapodistrian University of Athens

Creating web-based applications and tools to record the action and data by region

10/2013 – 12/2013

Traineeship

1st Model Experimental Secondary School

Athens, Greece

EDUCATION AND TRAINING

CURRENT – Greece

MSc-Master of Science in Bioinformatics and Neuroinformatics

Hellenic Open University & Ionian University

2021 – Athens, Greece

Graduate of Faculty of Physics, National and Kapodistrian University of Athens (NKUA)

08/06/2014 – 22/06/2014 – Nice, France

ERASMUS Intensive Programme: Innovative practices for teaching sciences in primary school

Université Nice Sophia Antipolis

LANGUAGE SKILLS

MOTHER TONGUE(S): Greek

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C2

**Spoken
production**
C2

**Spoken
interaction**
C2

Writing
C2

DIGITAL SKILLS

Microsoft Office (Word Excel Access PowerPoint VBA) / Web designing & developing / Social Media Management (Social Ads) / Adobe Suite (Illustrator, Photoshop, Premiere) / Basic programming knowledge (C, C++, HTML, Matlab, Logo) / Learning Management System User (Moodle, Google Classroom)

PROFESSIONAL SKILLS

● **Communication and interpersonal skills**

Teamwork
Communicative
Customer service experience

● **Organizational skills**

Experience in organizing conferences and scientific workshops & conducting workshops
Team management
Organizational
Undertaking initiatives / responsibilities

● **Professional skills**

Collaborative, determined, consistent, team spirit, responsible, creative

● **Other skills**

Educational Robotics (LEGO Mindstorms)
Utilization of new technologies in science teaching (use of Web 2.0 tools, creation of microcosms in a Logo-based environment, etc.)
Constructing educational scenarios

EDITOR

● **Editing Publications & Magazines**

Science Views
Bimonthly bulletin on the latest scientific news, research and development policies, etc.
Issues 20 - 25

Creativity, Arts and Science in Primary Education: CASE Toolkit
(ISBN: 978-618-84415-0-7)

SOCRATES
International Scientific Review of Ancient Greek Philosophy
Volume 1 - 2015, Volume 2 - 2016, Volume 3 - 2017, Volume 4 - 2018,
Volume 5 - 2020

Editor in Conference Proceeding Volumes

SEMINARS

● **Attendance of seminars for further training**

- Distance Seminar in Special Education (450 hours) (2021)
- Basic Principles of Digital Marketing, Google Corp. Certification (2020)
- Summer School of the National Center for Research in Natural Sciences "Demokritos" (2012)

RESEARCH ACTIVITY

Publications in international peer-reviewed journals (with reviewers)

- Smyrnaïou, Z., Petropoulou, E., Margoudi, M., & Kostikas, I. (2016). "Analysis of an Inquiry-Based Design Process for the Construction of Computer-Based Educational Tools: The Paradigm of a Secondary Development Tool Negotiating Scientific Concepts", In *New Developments in Science and Technology Education* (pp. 73-86). Springer International Publishing
- Smyrnaïou, Z., Petropoulou, E., Margoudi, M., & Kostikas, I. (2016). "Establishing a common pattern for educational tools' design process: the inquiry-based development approach of a tool addressing science related issues", *Recent Advances in Science and Technology Education, Ranging from Modern Pedagogies to Neuroeducation and Assessment*, 220.
- 18 more Publications in scientific journals & conference proceedings (with reviewers) in the field of History & Philosophy of Science (available on request)

Participation in conferences

- "Indirect and direct support in the implementation of inquiry based learning using digital tools ". Kostikas Ioannis, Grigoriou Vasiliki Georgia, Kostoglou Michael, Smyrnaïou Zacharoula, 9th Panhellenic Conference ENEFET Didactics of Natural Sciences and New Technologies in Education, 8-10 May 2015
- The teaching of motion in Inclined plane: Scenario of application of inquiry based learning with the utilization of a microcosm ", E. Petropoulou, I. Kostikas, Z. Smyrnaïou, *Discovery Learning in Education Process*, EEF 17-18 / 10/2014
- "Patternization of an Inquiry-based design process for the construction of a structurally sound educational tool: The paradigm of a secondary development tool negotiating scientific concepts ", Zacharoula Smyrnaïou, Evangelia Petropoulou, Maria Margoudi & Ioannis Kostikas, 1st International Conference on New Developments in Science and Technology Education, 29-31 May 2014
- "Scaffolding a computer supported inquiry learning process: the interplay between implicit and explicit guidance ", Maria Margoudi, Ioannis Kostikas, Zacharoula Smyrnaïou, 1st International Conference on New Developments in Science and Technology Education, 29-31 May 2014
- "The Contribution of Democritus to Philosophical and Scientific Thought", 2nd Conference Philosophy and Cosmology, 13-14 May 2013

Organization of Conferences (Organizing Committee):

- International Educational Conference "Exploring and Discovering: Discovery Learning through Exploration and of creativity in the teaching of natural sciences ", 9-10 / 10/2015, Athens
- 1st International Conference on New Developments in Science and Technology Education, 29-31 May 2014 - Local Organizing Committee
- Constructionism 2012 - Volunteer
- Member of the Organizing Committee of numerous domestic conferences and workshops on the subject of History and Philosophy of Natural Sciences (2013- current)

Diploma Thesis

Diploma Thesis on "Neuroeducation in STEM Teaching. Case study of brain based learning & brain targeted teaching models", Faculty of Physics, National & Kapodistrian University of Athens

Other Presentations

- Experiential workshop "Learning Science through Theater", Panhellenic Rhetoric Conference, Athens, 9-10 / 02/2019
- In the context of European Projects, a variety of project presentations were made, as well as teacher trainings
- Play4Guidance Entrepreneurship Seminar, "Physics Enchants" Event, EEF, Athens 16-18 / 12/2016
- Experiment demonstration on "Experiments using educational robotics", "Physics Enchants" Event, EEF, Athens 19-21 / 12/2014
- "The Chronicle of Calendars", THE PERSONS OF THE TIME, European Cultural Heritage Days 2013, Archaeological Museum of Piraeus, Sunday 29/09/2013

MEMBERSHIP IN UNIONS

Member of Research Teams & Scientific Associations

- Associate at Department of Astrophysics, Astronomy & Engineering, Faculty of Physics, NKUA
- Member of the Research Group of History and Philosophy of Astronomy and Natural Sciences, Dept. Physics, NKUA
- American Geophysical Union [2012]
- Union of Greek Physicists

REFERENCE LETTERS

Reference letters available on request