

Curriculum Vitae

Surname : Sgouropoulos
Given name : Kyriakos
Date of birth : 12 July 1979
Address for correspondence : A. Sikelianou 7, Komotini, 69100, Greece
E-mail : ksgourop@ee.duth.gr

EDUCATION AND TRAINING

2010 - 2014

PhD - Thesis Title: "Development of techniques for vision based hand gesture recognition"
Democritus University of Thrace, Department of Electrical and Computer Engineering

2003-2005

MSc, Image Processing
M.Sc. Thesis: "Optimization techniques for color reduction in digital images"
Democritus University of Thrace

1997-2002

BSc and MSc, Electrical and Computer Engineering
M.Sc. Thesis: "A methodology for implementing FIR filters and CAD tool development for designing RNS-based systems"
Democritus University of Thrace

LANGUAGES

- English (Certificate of Proficiency in English University of Cambridge)
- French (Certificat de Langue Française Institut Français d' Athenes)

OTHER CERTIFICATIONS

- School of Pedagogical & Technological Education - Certificate of Pedagogy and Teaching Adequacy

WORK EXPERIENCE

- 2017 – present: Special Laboratory and Teaching Staff,
Democritus University of Thrace, Department of
History and Ethnology
- 2006 – 2017: High School Teacher
- 2003 – 2005: Network and equipment management and
maintenance services for the Image Processing
and Multimedia Laboratory

TEACHING EXPERIENCE

Higher Education

- 2010 – present: Democritus University of Thrace, Department of Electrical and Computer Engineering
1. Image Processing (Laboratory Assistant)
- 2012 – 2013, Democritus University of Thrace, Department of History and Ethnology
- 2015 – 2016, History and Ethnology
- 2017 – present:
1. Educational Technology
 2. Quantitative Research Methods in Social Sciences (Laboratory Assistant)
- 2016 – present: School of Pedagogical & Technological Education
1. Educational Technology - Multimedia
 2. Pedagogical Applications of Computers

OTHER WORK EXPERIENCE

- Website design and development projects:
 1. Administrator and developer of a website based on the e-book of the Council of Europe. The website is in free access based on Joomla platform and addresses to History teachers, teachers of social and civic education subjects, trainers and trainees (at the initial & in-service training), graduate and post-graduate students –future History teachers in Greece and Cyprus and aims to broaden their perspectives and improve their teaching methods and practices. The project has been granted by the STAVROS NIARCHOS FOUNDATION.
<http://www.he.duth.gr/sharedhistories>
 2. Administrator, designer and developer of the website of History and Ethnology Department, Democritus University of Thrace. The website based on open source Drupal platform, hosts an electronic catalog of manuscripts of collections of primary folklore material of the Folklore Archives of the Folklore and Social Anthropology Laboratory and also the digital data of the "Folklore Collection" of the Democritus University of Thrace.
<http://www.he.duth.gr>
 3. Designer and developer of human resources and customer management web – system and a mobile application developed for the Center for the Prevention of Dependencies and the Promotion of Psychosocial Health in Komotini.

JOURNALS PAPERS

- 1) K. Sgouropoulos, E. Stergiopoulou and N. Papamarkos "A Dynamic Gesture and Posture Recognition System", Journal of Intelligent and Robotic Systems, Oct. 2013
- 2) E. Stergiopoulou, K. Sgouropoulos, N. Nikolaou, N. Papamarkos and N. Mitianoudis, "Real Time Hand Detection in a Complex

Background", Engineering Applications of Artificial Intelligence, Volume 35, October 2014, Pages 54–70

- 3) K. Sgouropoulos E. Stergiopoulou and N. Papamarkos, "Human-Computer interaction using Hand localization and Gesture recognition", Expert Systems with Applications (under review)

CONFERENCE PAPERS

- 1) D. Soudris, K. Sgouropoulos and K. Tatas "A methodology for implementing FIR filters and cad tool development for designing RNS-based systems "ISCAS 2003: Bangkok – Thailand