

Natalia Kotsani

curriculum vitae



nationality Greek
gender Female
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Education & Training

- Sep. '94 – July '06 K-12 Educational Institution, 'Doukas' School
High School Diploma – Graduation (GPA: 19.2/20)
- Oct. '06 – Present National Technical University of Athens (NTUA ▶)
Diploma in Applied Mathematics and Physical Sciences
(5-year polytechnic school)
*Fields of specialization: Computer Science * Mathematical Analysis*

Work Experience

- Sep. '08 – Present Websites development & Graphic Design
For companies & individuals (portfolio ▶)
- Sep. '10 – Present Cross-curriculum Educational Program "Art & Mathematics" (Tutor)
Herakleidon Museum, Experience in Visual Arts ▶

Awards

- March '03 3rd Award, 1st Panhellenic Student Essay Competition (Grade 9)
National Research Foundation "E.K.Venizelos", Chania, Greece ▶
- '05 3rd Award, Panhellenic Student Art Competition (Grade 11)
Hellenic Ministry of Education

Languages

- Feb. '03 First Certificate in English (Level 1 – council of Europe Level B2)
University of Cambridge (ESOL)
- Aug. '04 Certificate in Advanced English (Level 2 – council of Europe Level C1)
University of Cambridge (ESOL)
- Nov. '04 Diplôme d'études en Langue Française (DELFF) 1^{er} Degré
Ministère de l'Éducation nationale, République Française
- Feb. '13 ETS TOEFL iBT (Score: 100/120)

Conferences & Publications

- June '13 Kotsani, N., Panagiotopoulos, A., Papanikolaou, A., and Mavrommatis, A. Art & Mathematics: Fractals. Panhellenic Conference of Educators: ICT in education, Syros, Greece (2013).
- March '13 Mavrommatis, A., Papanikolaou, A., Stathopoulou, S., and Kotsani, N. The Poincaré's Disk Model for Hyperbolic Geometry in education. Hellenic Mathematical Society, 5th International Week Dedicated to Maths, Thessaloniki, Greece (2013).

Workshops & Teaching

- June '13 Kotsani, N., Fractals, music, the ambiguities of op art & the paradoxes of logic. *Interactive Whiteboards*. Panhellenic Conference of Educators: ICT in education, Syros, Greece (June 23, 2013).
- April '13 Kotsani, N., Papanikolaou, A., and Mavrommatis, A. Art & Mathematics at Herakleidon Museum: Bridges & Mutual Inspirations. ACS Athens, 8th Annual Conference on learning differences: Innovative teaching and inclusive learning, Athens, Greece (April 20, 2013).
- Kotsani, N., Art & Mathematics: Non-Euclidean Geometries, Perspective in Drawing, Music & Mathematics. Hellenic Mathematical Society, 5th International Week Dedicated to Maths, Thessaloniki, Greece (March 27-31, 2013).
- March '13 Kotsani, N., At the crossroads: after studies, before beginning a career, *Skills of 21st century*. Doukas School, Parents of 21st century, Athens, Greece (March 9, 2013).

ICT Competences

Programming & Web design (PHP, HTML, Java, Action Script, Adobe Flash)
Content Management Systems (Joomla, Wordpress)
Open Journal Systems (OJS)
Databases (SQL, MySQL, phpMyAdmin)
Multimedia Processing (Adobe Photoshop & Soundbooth, Pinnacle etc.)
Music Software: production & notation (Finale, Sibelius, Logic, Cubase etc.)
Mathematical Software (MatLab, Mathematica)
Document Processing (LaTeX, Microsoft Office Word-PowerPoint-Excel-Access, Open Office, iwork etc.)
Operating Systems (Mac OSX, Windows, Linux)

ICT Certifications

- Nov. '08 Adobe Certification in Rich Media Communication Flash CS3
Abode Systems Incorporated

Music Education & Training

- Sep. '00 – May '09 Vocal Techniques Lessons (National Conservatoire, prof. Elli Paspala etc.)
- Sep. '01 – Present Classical Piano Lessons (Athens Conservatoire, prof. Dionisis Mallouhos etc.)
- Sep. '06 – Present Jazz & improvisation piano lessons (prof. Stavros Lantsias etc.)
- Sep. '10 – June '12 Music Theory and Harmonic Analysis Lessons (Athens Conservatoire, prof. Haralambos Kanas etc.)
- Dec '11 - Present Lessons and seminars (in musical improvisation, vocal techniques, percussions and dance) pertaining to the musical tradition of South Italy, the grico dialect & tarantella pizzica pizzica (Salento-Apulia, Italy, prof. Anna Cinzia Villani, Enza Magnolo etc.)

Concerts, Discography and Teaching

- Dec. '11 – Present Member of the musical band 'encardia' as singer, percussionist & guitar player (more than 200 concerts in all the regions of Greece, as well as Germany and Switzerland ►)
- Nov. '12 – May. '13 Debut album recording (If, Assa project, 2013 ►)
- Aug. '13 – Present Second album recording (Blossoms of Centaurus)
- Oct. '13 – Present Percussion tutor in the percussion group 'Paremvasi' (KETHEA therapy center)
- Oct. '13 Concerts with the greek artist 'Loudovikos of Anoyion'
- Dec. '13 Music Tutor, Tarantella Dance Workshop (Gaz Symphony Studio, December 2, 2013)

Professional Objectives

Research in Theoretical Computer Science and Logic, Algorithms and Complexity

Teaching and Academic environment

Interests

Traveller (getting exposed to other cultures)

Yoga (7 years practice)

Swimming (6 years practice)

Additional Information

Voluntary contribution at KETHEA Therapy Center

Member of Hellenic Wildlife Hospital (EKPAZ)

Driving License