

**Europass  
Curriculum Vitae**

**Personal information**

First name(s) / Surname(s) **Konstantinos Kartsonakis**  
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Date of birth **11/12/1988**

**Work experience**

Dates **15/09/2008 - 20/12/2008**  
 Occupation or position held **Trainer, Goneis.gr program <http://www.goneis-gr.info/>**  
 Main activities and responsibilities **Home training for students' parents.**  
 Name and address of employer **Computer Practica, Ermou 51, Patras.**  
 Type of business or sector **Responsible to train parents using computer.**  
 Dates **2006-today**  
 Occupation or position held **Pc technician**  
 Main activities and responsibilities **Personal computer, maintenance**

**Education and training**

Dates **2003 - 2006**  
 Title of qualification awarded **Upper High school graduate diploma.**  
 Name and type of organisation providing education and training **Experimental Lyceum of Heraklion, Crete.**  
 Dates **2006-today**  
 Τίτλος του πιστοποιητικού ή διπλώματος **Student, Computer Engineering and Informatics Department.**  
 Name and type of organisation providing education and training **University of Patras.**

**Personal skills and competences**

Mother tongue(s) **Greek**  
 Other language(s) **English, German**

Self-assessment

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Full understanding.	C1	Full understanding.	C1	Excellent understanding.	C1	Very good.	C1	Very good

**German**

B2	Adequate understanding.	B2	Adequate understanding.	B2	Adequate understanding.	B2	Good.	B2	Good.
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*(\*) Common European Framework of Reference for Languages*

Social skills and competences

**Creative, team "player", communicative and with organization skills which have obtained through my experience as service officer from my temporary occupations and also from my sports activities.**

Organisational skills and competences

**Participation as representative of students in school and university level.**

Computer skills and competences

**Excellent knowledge of operating systems : Windows 95/98/2000/XP/XP pro/Vista/7 and good knowledge of Linux scripting.**

**Office tools: Microsoft Office, Open Office.**

**Programming Languages: C, C++, JAVA, ASSEMBLY, MATLAB.(in these languages I have worked in several projects as a student in my Department.)**

**HDL: Verilog**

**Technician Tools: Matlab, Orcad Pspice 9.1, Cisco Boson Simulator, Cisco packet tracer -GNS(design topologies, simulation, programming Cisco routers in ios environment, addressing, switching), Wireshark.**

**Web Development: HTML use of Dreamweaver and Joomla.**

**Image editing: Photoshop**

**(In web Development and in Image Editing I have ECDL certifications)**

Driving licence

**B**

**Additional information**

- **5-9 July 2010** Participation at the Advanced Summer School In AIT,Athens ([AIT](#) ). Title: Pervasive Networking for the Future Internet.
- **6-7 May 2010** Participation at the Matlab seminar organized by Mentor Hellas [MENTOR](#).
- **30 March-1 April 2009** Accepted and invited as lecturer at the International conference "Education Without Borders (Dubai, 2009). Title of my presentation: "Industrial use of super computers" [EWB 2009](#).
- **15 September – 15 November 2008** Participation at the Web Development and Image Editing Program. Organizer: [Computer Practica](#).
- **4-11 November 2005** Participation in COMENIUS L.I.V.E. European program. (Working Meeting in Fano, Italy.)

**General Interests and other skills in IT**

**As a student I have accomplished projects in these fields:**

- **Data search in ordered sets and organize them in memory.**
- **Design of databases.(using MySQL)**
- **Design sequential circuits.**
- **Multithread Programming.**
- **Microprocessor systems.**
- **Neural Networks.(using Matlab)**
- **Filter projects(design of a telecommunication channel using matlab and also high and low pass filters designed also with Matlab)**
- **PCM encoding and Huffman encoding**
- **Several projects in Scientific Computation.**
- **Socket programming (server and client model).**
- **Unix programming environment (Kernel calls, System calls etc)**
- **Signal processing using Matlab.**
- **Several projects using C, C++ (mainly algorithms that order strings etc, ).**
- **Assembly programming.**
- **Use of Bison and Flex tools.**
- **Design of classifier that uses genetic algorithm.(MATLAB).**
- **Prolog programming.**
- **Design of a M/G/1 system in matlab.**

**Generally I would say that the algorithmic field of IT studies is the most interesting for me. Specifically my interests are to study bioinformatics and neural networks (probabilistic analysis in gen's data) in order to connect my IT studies to medical issues that yet haven't answered.**