

Eleftherios Aslanoglou

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PERSONAL INFORMATION

Father's Name Ioannis
Mother's Name Konstantina
Place of Birth Marousi, Attiki, Greece
Date of Birth December 2, 1989
Nationality Greek

EDUCATION

2007-2012 **Diploma (5-year studies) in Computer Engineering**
Computer Engineering & Informatics Department
University of Patras, Greece
Grade: 7.72/10 (*top 10.3% of 2011-2012 graduates*)

DIPLOMA THESIS

Title *Development of Basketball Statistical Analysis Software with Natural Language capabilities*
Supervisor Professor Athanasios K. Tsakalidis
Description Developed a graphical-interface enabled application for the collection, management and in-depth analysis of Basketball statistics, with the capability of producing reports in natural language.

LANGUAGES

Greek **Native**
English **Fluent (Cambridge Proficiency in English, TOEFL)**

EXPERIENCE

2011-now **Freelance Developer**

Personal hobbyist development projects

(<https://github.com/leftos> - <https://bitbucket.org/leftos>)

Notable work

- Speech Recognition module for the NBA 2K videogames
- Lighting shader editing via reverse engineering and binary editing for the NBA 2K videogames
- Savegame editing via reverse engineering and binary editing for the NBA 2K videogames

2007-2012 **Student, Computer Engineering & Informatics Department, University of Patras**

Selected projects and assignments

- Linguistic processor with web-crawling and indexing capabilities (Python)
- Assistant in Computer Architecture laboratory in Spring, 2009 (micro-instructions, Assembly)
- Linguistic processor with user-profiling capabilities (Python)
- Flat virtual Unix-like file-system from scratch (C)
- Customized MInix kernel including message passing, scheduling, process management (C)
- A social bookmarking website (Reddit clone) (PHP, HTML, JS)
- Binary search, binary trees and other data structures (C, C++)
- ADC, DAC and signal transmission simulator (Matlab)
- Compiler for a minimalistic C-like language (Flex, Bison)
- Minimalistic e-mail client and server using UNIX and network sockets (C++)
- Minimalistic ATM client and multi-threaded bank server using network sockets, OpenMP (C++)

2009-2011 **Radio DJ & Producer, Radioparea.gr Web Radio**

Production of a weekly music show, advertisement segments and jingles

2003-2007 **Project Administrator, Developer, Discovery Open-Source Development Group**

Non-office worldwide group of developers

Notable work

- SRT subtitle editor, "Open Subtitle Editor"
- Audio file conversion and automatic tagging utility, "Wav2MP3 Wizard"

EXTRA-CURRICULAR ACTIVITIES

2008-2012 **Member of the Organizing Team, Artware Festival, Computer Engineering & Informatics Department, University of Patras**

COMPUTER SKILLS

Programming C# (.NET, WPF, WinForms) (proficient), C, C++ (Boost, OpenMP), Python, Java

Web Development HTML/XHTML, XML, XSL, CSS, PHP, Javascript, AJAX, Wordpress

Operating Systems Windows, Linux

Other MySQL, Verilog

Versioning Systems Git, Subversion

Scientific Matlab

OTHER SKILLS

Teaching, Teamwork, Team Leadership, Project Management

INTERESTS

Basketball, Travelling, Literature, Music

SCIENTIFIC INTERESTS

Reverse Engineering

Natural Language Processing

Human-Computer Interaction, UX, User-Interface Design

Databases and Data Mining

Parallel Programming

ONLINE PRESENCE

Facebook <http://www.facebook.com/leftosa>

Twitter <http://www.twitter.com/leftosa>

LinkedIn <http://www.linkedin.com/in/leftos>

Personal Blog <http://leftosa.wordpress.com>