

Lefteris Pachis

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[lfteris-pachis.github.io](https://github.com/lfteris-pachis)

Education

2009–2017 **Computer Science, BSc. IT**, *University of Crete*, Heraklion, Greece.
Computer Science Department

Bachelor Thesis

Thesis Topic *Development of routing protocol for wireless nanonetworks*
Supervisor Sotiris Ioannidis (Research Director with the Institute of Computer Science at the Foundation for Research and Technology - Hellas)

Publications

Title N3: Addressing and routing in 3D nanonetworks
Authors A. Tsioliaridou, C. Liaskos, L. Pachis, S. Ioannidis, A. Pitsillides
Published in 23rd International Conference on Telecommunications (ICT), 2016
Awarded with Best Paper Award

Experience

2015–2016 **Undergraduate research fellow**, *Distributed Computing Systems Laboratory, Institute of Computer Science, FORTH*, Heraklion, Greece.
2017–2018 **IT Technician/Network Administrator**, *Supreme Military Command of the Interior and Islands, Hellenic Army*, Athens, Greece.
2018–Ongoing **Junior Back End Developer**, *Netsteps S.A.*, Athens, Greece.

Computer skills

Programming C/C++, JAVA, JSP/Servlets, PHP, MySQL
Familiar with JavaScript, Python, UNIX shell scripting, Git, \LaTeX
Design & IDE PhpStorm, Visual Studio, NetBeans, UML, AnyLogic (Simulation Tools Modeling Software)
Systems Linux/Unix, Mac OS, Windows workstations & servers
Web Design HTML5, CSS3, XML, CMS
Hardware Verilog, Xilinx-ISE
Design

Significant Projects

- **Anchor Pair 4 : Addressing and Routing in 3D Nanonetworks**, *Research on a more efficient algorithm based on my bachelor thesis*, Languages/Tools Used: Java(AnyLogic), \LaTeX .

[More Info](#)

- **Compiler and Virtual Machine for Alpha Language**, *Design and implementation of a simple programming language compiler and virtual machine*, Languages/Tools Used: C, yacc, lex.

[Github Link](#)

- **Super Mario Bros Project**, *Implementation of the first level of the original game with the ability to design and expand into new maps*, Languages/Tools Used: C++, Allegro.

[Github Link](#)

- **Civil Protection Management System**, *An information exchange system between application users and civil protection agencies*, Languages/Tools Used: Java Servlets/JSP, JavaScript, HTML5, CSS3.

[Github Link](#)

General skills

- Team player.
- Ability to prioritize and manage multiple tasks at one time, with accuracy.
- Ability to respond to pressure and meet tight deadlines.
- Ability to effectively communicate (verbal and written correspondence) in a professional and courteous manner with technical and non-technical personnel.
- Desire for continuous learning and skills improvement.
- Fulfilled military obligations.
- Driving licence.

Languages

Greek	Native
English	B2 Level

Interests

Travelling	I love travelling around the world.
Learning	I like learning photo and video editing (Adobe Photoshop/Premiere Pro), also using game developmet platforms (Unity) on personal projects.