VASILEIOS CHARILOGIS

ACADEMIC SUBJECT
Programming Techniques & Educational Environments

SUMMARY

I am a Software Developer & Specialist in Computing Systems Infrastructure with extensive knowledge and skills in multiple programming languages, such as C, C++, C#, Java, JavaScript, Python, R, PHP, Oracle, Fortran, and COBOL. I am proficient in creating and maintaining web applications using modern technologies and tools. I possess excellent knowledge of computer system hardware, ensuring optimal functionality and reliability of systems. Additionally, I have a strong background in software engineering, with experience in various development environments, and I am capable of undertaking challenging projects and contributing to the development of innovative solutions.

Specialties:

- Software development in low-level and high-level programming languages.
- Development, optimization, and maintenance of web applications.
- Identification and resolution of technical issues at both hardware and software levels.
- Deep understanding of computer system architectures and networks.

PROFESSIONAL EXPERIENCE

2019-Present

Laboratory Teaching Staff (EDIP) • University of Ioannina, Dept. of Informatics & Telecommunications

2015-Present
Head of the Data Center (Louros) • National Infrastructures for Research & Technology (GRNET)

2014-2019
Special Technical Laboratory Staff (ETEP) • Epirus University of Applied Sciences, Dept. of Computer Engineering & Telecommunications

2005-2014
Special Technical Staff (ETP) • Epirus University of Applied Sciences, Dept. of Teleinformatics & Administration

2000-2019
Web Engineer • University of Ioannina, Dept. of Informatics & Telecommunications

Personal Information

University of Ioannina, Arta Campus

26810 50508

charilog@uoi.gr

www.dit.uoi.gr

- Department Website
- Asynchronous E-Learning
- Department Mail Server
- Myweb

1998-Present
Teaching Responsibilities • University of Ioannina, Dept. of Informatics & Telecommunications

- Computer Programming I
- Computer Programming II
- Databases
- Programming Languages II
- Structured Programming
- Data Structures
- Object-Oriented Programming
- Internet Programming

1998-2012
Laboratory Assistant • Epirus University of Applied Sciences

2002-2003
Instructor at the Continuing Education Support Center (CESC) • Hellenic Mathematical Society (HMS)

2000-2005
Office for University and Career Guidance • Epirus University of Applied Sciences (DASTA)

2002-2003
Hourly Instructor • Public Vocational Training Institute (IEK) of Arta

1999-2000

Adjunct Teacher • 2nd Middle School & 2nd High School of Arta

EDUCATION

2004
Doctorate (PhD)
- University of Ioannina. Informatics & Telecommunications

2017
Master (MSc)
- Studies in Education

    • Hellenic Open University (HOU)

2016
Pedagogical Training
- ASPAITE Ioannina

1998
Diploma in Computer Engineering Systems
- Piraeus University

1989
High School Diploma
- Arta

PUBLICATIONS

2024
- Introducing a Parallel Genetic Algorithm for Global Optimization Problems
- Improving the Giant-Armadillo Optimization Method
- Train neural networks with a hybrid method that incorporates a novel simulated annealing procedure
- EOFA: an extended version of the optimal foraging algorithm for global optimization problems
- Combining Parallel Stochastic Methods and Mixed Termination Rules in Optimization

2023
- An improved parallel particle swarm optimization
- Locating the parameters of rbf networks using a hybrid particle swarm optimization method
- A parallel implementation of the differential evolution method
- An Intelligent Technique for Initial Distribution of Genetic Algorithms
- An intelligent technique for initial distribution in stochastic optimization methods

2022
- An improved parallel particle swarm optimization
- Toward an ideal particle swarm optimizer for
- Modifications for the differential evolution algorithm

2021
- An Improved Controlled Random Search Method