Panos Lampropoulos

Date of birth: 23 Feb 1983 | **Nationality:** Greek | **Gender:** Male | **Phone number:**

(+1) 4085200310 (Work) | **Email address:** panosl1@ieee.org | **Website:**

https://ibm.biz/BdyaSX | **LinkedIn:** https://www.linkedin.com/in/panosl1/

WORK EXPERIENCE

16 FEB 2023 – CURRENT Netherlands
CHIEF ARCHITECT, AI READINESS - SENIOR TECHNICAL STAFF MEMBER (STSM) IBM

- Lead, drive, and implement the technology and cross-IBM teaming needed to comply with emerging AI regulations, AI Ethics, and Transparency in a rapidly-changing AI technology stack landscape (i.e., Foundation Models).
- Accelerate the adoption of trusted, inclusive, and transparent artificial intelligence policies, practices, and partnerships across all IBM BU's.
- Drive significant automation in the data collection, monitoring, and remediation
- Increase speed to compliance with soon-to-be-introduced legislation around the globe, while at the same time reducing cost and manual effort.
- Increase product portfolio value by using it in these emerging AI governance requirements and sharing knowledge gained by leveraging products in real-world use cases, as well as critical product gaps with the product development, Offering Management, and design teams and help them understand the Governance, Risk & Compliance (GRC) market and technology to translate regulatory and customer requirements.

Business or Sector Information and communication | **Department** Chief Data Office / Chief Privacy Office

2 OCT 2018 – 16 FEB 2023 Global
ENTERPRISE AI LEADER, CHIEF DATA OFFICE IBM

- Create value for the enterprise by introducing aggressive AI-powered automation into Governance and Regulatory Compliance operations.
- Augment product and strategic platform capabilities in the area of privacy by establishing new partnerships and monetization opportunities.
- Build state-of-the-art Privacy ML Models to understand and uncover (S)PI in dark(unstructured) data for our enterprise and our customers.
- Design, build and run the internal Enterprise AI platform and tooling for IBM's operations.

Key outcomes:
15% reduction/cost avoidance in annual Cloud OPEX; $72M revenue generation through asset commercialization

18 OCT 2019 – CURRENT Amsterdam, Netherlands
OFFICE OF THE CTO, ADVISORY COUNCIL MEMBER IBM

- Provide technical eminence to support the CTO to achieve its core mission.
- Facilitates the development of the Principles, Policies, & Postures for AI, Architecture, Security, Governance, and Privacy.

1 APR 2013 – 1 OCT 2018 Amsterdam, Netherlands
W/W LEADER SUPPORT & PROFESSIONAL SERVICES BRIGHT COMPUTING, INC.

- Manage the follow-the-sun team of Support and Deployment engineers
- Partner with tech. sales and respond to RFPs
- Complex projects
- Handling escalations
- Design, implement and productize Bright Cluster Manager for ML offering.

17 SEP 2010 – 1 APR 2013 Dwingeloo, Netherlands
RESEARCH FELLOW NETHERLANDS FOUNDATION FOR RADIO ASTRONOMY

- Develop calibration and imaging algorithms for the LOFAR Epoch of Reionization (EoR) experiment
- Operate the HPC cluster used to analyze the LOFAR telescope data
- Participate in the Square Kilometer Array Exascale Comp. & Algorithms Steering Committee

17 SEP 2010 – 1 APR 2013 Amsterdam, Netherlands
RESEARCHER, LEVEL 4 UNIVERSITY OF GRONINGEN

- Graduate courses (Active galactic nuclei, signal processing in astronomy, modern physics)
- co-supervise two PhD Students (in collab. with University College, London and Max Planck Inst. for Astrophysics)

EDUCATION AND TRAINING

16 MAR 2006 – 17 SEP 2010 Groningen, Netherlands
DOCTOR OF PHILOSOPHY University of Groningen

Website https://www.rug.nl │ **Final grade** Astrophysics; Cosmology │ **Level in EQF** EQF level 8 │

Thesis Statistical inversion of the LOFAR Epoch of Reionization experiment data model

10 OCT 2000 – 26 FEB 2006 Athens, Greece
PTYCHION University of Athens

Website https://www.uoa.gr

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
DUTCH	B2	B2	B1	B2	B2
FRENCH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Generative AI │ Machine Learning │ Foundation Models │ Keras │ Pandas │ Deep Learning │ Git │ Tensorflow │ Scikit-Learn │ Linux │ PyTorch │ ONNX & ONNX Runtime │ nVidia Cuda │ OpenCV │ Infiniband Networks │ Good understanding of Kubernetes │ NVIDIA Triton │ NLP libraries: NLTK, SpaCy │ Model governance (MLFlow, Kubeflow), Data management (DVC, Apache NiFi) │ Computer Vision │ Platform : AWS Cloud │ Machine Learning Using AzureML │ Google Cloud Platform (GCP) Essencial │ TensorRT │ Machine Learning, NLP │ Computer VIsion

ADDITIONAL INFORMATION

PUBLICATIONS

Publications
Google Scholar

Patents
- P202205152/IPCOM000271989D - "A System and Methods of Context-Aware Named-Entity Recognition for Semi-Structured Data in Business Documents"
- P202203852 - "System and Method of Event Sequence Prediction for Anomaly Detection With Weak Supervision"

NETWORKS AND MEMBERSHIPS

Professional Societies
- Founding member SIG HPC (ACM/IEEE)
- IEEE (+ IEEE Signal Processing Society) senior member
- Association for Computing Machinery
- Royal Netherlands Astronomical Society

IBM Academic Ambassador
- University of Amsterdam / University of Amsterdam Medical Center/NIKHEF "The DeepUniverseNetwork: Accelerating Discoveries in the Dark Universe with Deep Learning – NWO Open Competition Research Grant – Groot – Prof. R. M. Thomas & Dr. S. Carron / Prof M. Welling
- Ruder Boskovic Institute, Zagreb, Croatia – Dr V. Jelic
- University of California, Riverside – N-Body simulations and workload management of IBM Cloud (Prof L. V. Sales)

Standards Bodies
- Member of Single Unix Specification v3 standard working group (Austin Group, 2004-2010)
- IEEE Computer Society Society/Standard for Information Technology - Portable Operating System Interface (POSIX(R)) - Corrigendum 2
- Dy-SPAN Steering Committee

CONFERENCES AND SEMINARS

24 APR 2021 – Yorktown Heights, NY
ONNX Consortium Conference ONNX Scoring Functions

9 APR 2021
NVIDIA GTC'22 Scaling Data Science in the Enterprise
(Contributed IBM CDO metrics and Automated Metadata Generation in WKC portion)

Link https://community.ibm.com/community/user/storage/blogs/douglas -oflaherty1/2021/04/09/scaling-data-science-in-the-enterprise-at- nvidia-g

120+ other conferences and meetups

RECOMMENDATIONS

Upon request:

- Wilson Lowery, CFO Software, IBM
- Caitlin Hafferty, Chief Data Officer, Ericsson
- Remus Lazar, VP Software Development for Data Fabric, IBM
- Martin Overhover, Director and Dist. Engineer, Governance and Master Data, IBM
- Tim Humphrey, Chief Analytics Officer, IBM

MANAGEMENT AND LEADERSHIP SKILLS

Leadesrhip
IBM Recognized Coach of Technical Talent
Blue Core Mentor

ORGANISATIONAL SKILLS

Skills
- Multi-tasking
- Prioritization
- Project management
- Delegation
- Clear communication

CREATIVE WORKS

OpenSource Multi-CloudKubernetes-based Datasets Lifecycle Management

Linux Foundation AI & Data Incubation Project

Link https://github.com/datashim-io/datashim

Fedora Linux Project Project Ambassador

Link https://fedoraproject.org/wiki/User:Panosl1

COMMUNICATION AND INTERPERSONAL SKILLS

Skills
- Demonstrated ability to partner and earn respect across organizational silos.
- Taking ownership of solutions to problems
- Developing a deep understanding of the product portfolio & its capability in order to drive growth and implement enhancements.
- Turning technical eminence and collaborative capabilities into tangible business outcomes.
- Coaching and mentoring technical talent

- Presenting to the executive community using crisp, executive-compatible communication.
- Empathy, cultural and emotional intelligence.

HOBBIES AND INTERESTS

Hobbies Early music (medieval, renaissance, Baroque)
Historical flutes
Photography
Nordic skiing