

lordan lordanov

SENIOR TECHNOLOGY LEADER

Profile

Accomplished technology leader with a Ph.D. in Computational Geometry. Covering roles as Chief Scientist, CTO, and Director over the past 5+ years, I have grown my engineering team from 10 to 70 people. I have 50+ successful client-facing R&D projects under my belt, while I have also built a cutting-edge AIOps application to enable adoption of mission-critical AI. I excel at translating complex research into practical applications while managing cross-cultural teams and high-profile client relationships. I am highly motivated to apply my unique skill set to bring positive impact to society.

Employment History

CTO / Director, Corpy&Co., Inc., Tokyo, Japan

JULY 2023 - PRESENT

In addition to technical R&D, assumed higher management responsibilities and decision making. Among others, established multiple international connections for overseas expansion, established and introduced OKRs into the company, built a custom attendance management system connected to Slack, organized an internal research projects team, and hired multiple highly skilled individuals to ensure scalability of the department.

Chief Scientist, Corpy&Co., Inc., Tokyo, Japan

JULY 2019 - JUNE 2023

Focusing mostly on technical R&D, overseeing multiple AI/ML projects, and establishing the foundations for a future cutting-edge AIOps platform. Led my team to establish technical excellence during COVID.

R&D Engineer, Gamestream, Ludres, France

JANUARY 2019 - JUNE 2019

Developed a client to stream video games with minimal latency to Samsung TVs, using proprietary SDK. In parallel, researched a proprietary method for frame upscaling and sharpening using neural networks.

Ph.D. Candidate, LORIA, Nancy, France

JANUARY 2016 - DECEMBER 2018

Formulated and developed an algorithm for the construction of periodic triangulations of the Bolza surface, My work is part of the CGAL library, the largest open source library for computational geometry.

Graduate Research Assistant, Foundation for Research and Technology -Hellas (FORTH), Heraklion, Greece

DECEMBER 2014 - OCTOBER 2015

Researched and implemented a geometry-based method to determine the morphological changes of abdominal aortic aneurysms between a two scans of the same person. Collaborated with leading researchers in the field to validate our hypotheses and published our findings in a peer-reviewed journal.

Details

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Links

<u>Personal Website</u> <u>LinkedIn</u> <u>Github</u>

Skills

AI/ML Leadership

Software architecture

Algorithm development

Technical team management

Research-to-product translation

Project Management & Delivery

Languages

Bulgarian

Greek

English

Italian

French

Japanese

Software Developer, 01Sistemi, Sansepolcro, Italy

MAY 2013 - JUNE 2014

Built a custom tool in Java for parsing data from Italian cadastral PDFs in Java. Also, re-implemented from scratch the calculations engine for the 730 Italian Tax Declaration module using InstantDeveloper.

Software Developer, Nanosoft, Chania, Greece

DECEMBER 2009 - MARCH 2012

Developing order taking application in VB.NET for Windows CE devices. Gained experience with MS Access DB, connection with cash registers, and client interaction. Gained experience with WPF and Android development.

Education

Ph.D. in Computer Science, Unversité de Lorraine, Nancy, France

JANUARY 2016 - DECEMBER 2018

Thesis: <u>Delaunay triangulations of a family of symmetric hyperbolic surfaces in practice</u>. The work I did is <u>part of the CGAL library</u>.

M.Sc. in Applied Mathematics, University of Crete, Heraklion, Greece

SEPTEMBER 2014 - DECEMBER 2015

Thesis: <u>Shape-Preserving Interpolation on the Sphere</u>. My work is the first implementation and analysis of shape-preserving interpolation on the unit sphere.

B.Sc. in Applied Mathematics, University of Crete, Heraklion, Greece

SEPTEMBER 2005 - MARCH 2013

Thesis: <u>The Euclidean InSphere Predicate</u>. My work provided a robust method to compute the InSphere predicate in 3D by computing the sign of expressions of algebraic degree at most 10; the previous best method was using algebraic expressions of degree at most 14.

Personal statement

I am a technical leader with expertise in AI who excels at translating complex concepts into practical solutions. With a background spanning academic research and industry leadership, I balance strategic thinking with direct implementation. I have a very hands-on approach to work and I put strong emphasis on demonstrating what I propose through practice rather than theory.

My collaborative leadership approach focuses on active listening and inclusive decision-making. I believe in connecting with team members at a personal level, ensuring everyone from interns to senior managers has a voice in solving complex challenges. When faced with problems, I prefer quick prototyping to evaluate options before developing comprehensive solutions. My approach to management and communication has brought tangible results in overseas expansion efforts.

I value respect, transparency, and recognizing people for their contributions rather than their titles. Particularly passionate about Explainable AI and Quality Assurance for AI systems, I have developed a cutting-edge AI platform that makes complex AI understandable and trustworthy for manufacturing companies.

I seek a position offering stability, meaningful technical challenges, and sustainable work-life balance where I can apply my multidisciplinary background while working in a structured environment with clearly defined boundaries and responsibilities.