Paul Guermonprez

Driving efficiency with AI-driven innovation

Objective

I want to solve problems that matter with people who care.

As a seasoned innovation professional, I bring 24 years of experience in IT, software, artificial intelligence, and information security. My track record spans diverse fields, including big data for human biotech startups, high-performance computing and AI at Intel, cyber and privacy compliance, and academic-industry collaborations.

I excel at delivering results by combining deep technical expertise with a keen understanding of human and organizational bottlenecks. I am passionate about optimizing the efficiency of complex organizations and projects, ensuring they operate seamlessly and achieve their full potential. Curious by nature and a fast learner, I thrive in multicultural environments and navigate volatility, uncertainty, complexity, and ambiguity with confidence.

Status: Allowed to work in the US including on projects that require US citizenship. Tier-3 investigation cleared.

Experience

2020–present **Procter & Gamble**, *Director of External Innovation and AI*, San Francisco, CA.
Director-level Driving operational efficiency through the strategic application of AI and external innovation. Leading solution architecture from proof-of-concepts (PoCs) to full-scale production deployments. Managing relationships with venture capitalists (VCs), technology due diligence. Collaborating closely with IT leadership and the CIO.

2006–2019 **Intel**, *Software/AI Architect*, Santa Clara, CA.
As AI solution architect, designed and co-developed autonomous drone and geospatial solutions for major clients in the aerospace/logistics/energy/insurance/defense sectors. Managed the cybersecurity and risk management for a SAAS AI solution.
As solution architect (Paris), co-developed innovative solutions with industrial partners such as: Intel AI-AR glasses for Airbus Smart Factory demoed at IDF2016 by Intel CEO Brian Krzanich. Pivothead AI-AR smart glasses using Microsoft Cognitive Services for vision assistance, presented by Microsoft CEO Satya Nadella.
Managed Intel's academic program: tech transfers, joint RnD, course development and teaching.

2017–present **Toulouse University**, *Lecturer*, Toulouse, FR.
Created and teaching a module on innovation and entrepreneurship.

1999–2006	**Nautilus Biotech, Integragen**, *Data Scientist in BioTech*, Evry, FR. *From RnD to production:* developed large scale laboratory information management systems and MLOps pipelines leading to the discovery of new genes involved in diabetes and autism, first trials in gene therapy and personalized medicine solutions used on patients.
1997–2001	**Lane et Guermonprez**, *CEO / Software Developer*, Paris, FR. Co-founder of a Start-Up specializing in data science analysis for the biotechnology sector.
1998–1999	**Genethon**, *1 year internship followed by full-time contract*, Evry, FR. Developed Java1 software to study and represent vectors used in world-first human gene therapy.
1999–1999	**Institut Pasteur**, *6 months internship in immunology*, Paris, FR. Unit of Biology in Immune Regulations, studying Bordetella pertussis (whooping cough bacteria).

Publications and Conferences

2018	**Industry group: INTERPOL Drone Expert Group Panel**, *Member*, Singapore, SG. Study of the impact of drones on illegal activities and appropriate countermeasures.
2015-2017	**Thesis: Master of Science by Research**, *Continuous education/research*, Toulouse, FR. Design Thinking Workshops to resolve dialectic tensions in Disruptive Innovation Teaching. Recorded talk: Link:paul.guermonprez.eu - Toulouse University
2016	**Conference: Airbus-Intel-Pivothead AI-AR glasses**, *Product lead*, San Francisco, CA. Intel AI-AR glasses for Airbus Smart Factory demoed at IDF2016 by Intel CEO Brian Krzanich. Link: Demo Video on Youtube, by CNET
2016	**Conference: Microsoft-Pivothead AI-AR glasses**, *Consultant*, San Francisco, CA. Pivothead AI-AR smart glasses using Microsoft Cognitive Services for vision assistance, presented by Microsoft CEO Satya Nadella. Link: Demo Video on Youtube, by Microsoft Research
2014	**Conference: Drones and Human Rights @ United Nations**, *Presenter*, Geneva, CH. Presenting at the United Nations in Geneva, during the session on Drones and Human Rights.
2014	**Book: Les Drones Débarquent @ FYP Editions**, *Author*, Paris, FR. Book on the social impact of drones, their use in modern warfare and how they will change all industries. Several radio and print interviews, including national radio and international talks.
2011–2018	**Courses: Open CourseWare**, *Author and Curator*, Paris, FR. 15k-100k course downloads per month. HPC, mobile, IoT, embedded, autonomous drones.
2009	**Conferences: Copyright Law @ European and French Parliaments**, *Presenter*. Representing the Internet Society FR as Secretary General on a Copyright Law panel organized at the European Parliament. Co-founder of the Création, Public et Internet initiative.
2008–2013	**Politics: Presidential Platform - Technology, Privacy and Law**, Paris, FR. Head policy writer for tech/AI/copyright/security chapter of the presidential elections platform for the center party (now in power). Research, interview, collaboration with FR and EU legislators.

Studies and Certifications

2021	**InfoSec**, *CISSP, CISM, CMMC-CCP (CCA in progress), CEH, CNDA, AWS Security*.
2023	**Microsoft Azure**, *Fundamentals, AI Fundamentals*.
2019	**Amazon Web Services**, *Solutions Architect (AWS-SAA), Security Specialty (AWS-SCS)*.
2015–2017	**MScRes - Master of Science by Research**, *Toulouse University*, Toulouse.
1997–1999	**Undergrad: Medical School, Biochemistry and Molecular Biology**, *Sorbonne*, Paris.

Interests

Hobbies	Competitive paddling (Va'a), Jiu-jitsu, surfski, sailing (instructor), diving, cooking, guitar.
Flying	Paraglider, motorized paraglider. Ultralight and drone french pilot license.