



Paul Guermonprez

Innovation Manager - Focus on AI, robotics and CyberSecurity

Objective

I have 24 years of experience managing innovative projects in various fields: big data for two human biotech startups, high performance computing and AI for Intel, managing Intel's academic program, teaching innovation at university, civilian/military autonomous systems and cybersecurity. I typically bring to the team a blend of innovative thinking to imagine the future and management/technical/strategic skills to make it happen.

In addition, I teach, have a master's degree in education and welcome any collaboration in that field. Status: US person (green card), FR citizen.

Certs: CISSP, CISM, CMMC-RP, CEH, CNDA, AWS-SCS Security, AWS-SAA Architect.

Experience

- 2020–present **Procter & Gamble**, *Innovation and CyberSecurity Manager*, San Francisco, CA.
(Director-level) Management of external innovation. Collaborations with VCs. Member of the Procter and Gamble Security Leadership Team in charge of the security architecture, risk management, privacy and governance for innovative projects and partners (ex: Olympics, CES).
- 2017–2019 **Intel - Incubator**, *Software/AI Autonomous Drone Architect*, Santa Clara, CA.
As solution architect, designed and co-developed autonomous drone solutions for major US/EU clients in the aerospace/logistics/energy/defense sectors. Managed the cybersecurity and risk management for a SAAS AI solution.
- 2017–present **Toulouse University**, *Lecturer*, Toulouse, FR.
Created and currently teaching a module on innovation and entrepreneurship for the IoT course.
- 2006–2017 **Intel - Software Group**, *Senior Innovation Engineer / Project Manager*, Toulouse, FR.
As solution architect: co-developed innovative solutions with industrial partners, start-ups and universities in the fields of IoT, HPC, AI. Ex: Intel AI-AR glasses for Airbus Smart Factory demoed by Intel CEO Brian Krzanich. *As program manager*: Managed Intel's academic program for Europe / Middle East / Africa / Russia including tech transfers, joint RnD, course development and teaching. Managed Intel's Software ecosystem building effort focused on AI, IoT and HPC.
- 1999–2006 **Nautilus Biotech, Integragen**, *Data Scientist / BioInformatician*, Evry, FR.
From design to production: developed large scale laboratory information management and personalized medicine solutions (J2EE/LIMS). Research: first pilots of human gene therapy, participated in the discovery of genes involved in diabetes and autism. High-throughput gene sequencing.

- 1997–2001 **Lane et Guernonprez, CEO / Software Developer**, Paris, FR.
Co-created 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.guernonprez.eu](http://link:paul.guernonprez.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 Course Ware, 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. Research, interview, collaboration with FR and EU legislators.
Ghost author for a book on politics: Collaborative writing, research, interviews.

Studies and Certifications

- 2021 **InfoSec, CISSP, CISM, CMMC-RP, CEH, CNDA, AWS Security**.
- 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 studies: Biochemistry and Molecular Biology, Paris VI University**, Paris.
- 1995–1997 **Medical School Student, Hopital Broussais Hotel-Dieu, Paris VI University**, Paris.

Interests

- Hobbies Paddling (Va'a), sailing (instructor), diving, tango, cooking, skiing, hiking.
- Flying Paraglider, motorized paraglider, drones. Ultralight and drone french pilot license.
- Associations Former Secretary General for the Internet Society french chapter. Red Cross.