Paul Guermonprez

Innovation Manager - Focus on AI, Robotics and CyberSecurity

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Senior innovation professional with proven experience in IT, software, artificial intelligence and information security. 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, developing civilian/military autonomous systems and cybersecurity.

I typically bring to the team a blend of innovative thinking to define the future at a strategic level and management/technical skills to make it happen at operational/tactical levels. I'm curious, learn fast and thrive in multi-cultural/international environments. Certs: CISSP, CISM, CMMC-RP, CEH, CNDA, AWS-SCS Security, AWS-SAA Architect.

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2020–present **Procter & Gamble**, *Innovation and CyberSecurity Director*, San Francisco, CA.
(Director-level) As Innovation Director, counseling on the future of tech/IT, organizing external innovation, relations with VCs and technological due diligence. Main customer is the IT leadership team and the CIO. Current focus on AI pipeline and cloud native/k8s architectures. As member of the Procter and Gamble Security Leadership Team, I organize the security architecture, risk management, privacy and governance for innovative projects and partners (ex: Olympics, CES).

2017–2019 **Intel - Innovation Group**, *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 used by both private and government/defense clients.

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 Guermonprez**, *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.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 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   Competitive paddling (Va'a), sailing (instructor), diving, tango, cooking and ukulele.

Flying   Paraglider, motorized paraglider, drones. Ultralight and drone french pilot license.

Associations   Former Secretary General for the Internet Society french chapter. Red Cross.