

Paul Guermontprez

Innovation Manager - Focus on AI, Robotics and CyberSecurity

Objective

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, Azure Fundamentals, Azure AI Fundamentals.

Experience

- 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, Integrigen, 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 Guermontprez, 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*.
- 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 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.