

VINCENT MANUCEAU

Self-Learner, Computer Science Engineer, Independent Researcher

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WORK EXPERIENCE

Independent Non-Profit Researcher Self-employed, La Loupe, France	2020-Now
CTO Volunteer La Boutique Creole / Creole Shop, La Loupe, France	2019-Now
Independent Computer Science Engineer Self-employed, Paris/La Loupe, France	2011-Now
CTO Sommerset Lab, Pointe-a-Pitre, Guadeloupe, French West Indies	2019-2020
CEO, Founder Makis Fintech SARL, La Loupe, France	2018-2019
CEO, Founder Blockchain Fintech Factory LTD, London, United Kingdom	2017-2018
CTO, Co-Founder Sonik Factory Records, Chartres, France	2014-2016
Computer Science Engineer Groupe Aufeminin.com, Paris, France	2012-2013
Research and Development Consultant Groupe Biodyss, Villejuif, France	2011-2012
Research and Development Consultant LDS / Cronos Cloud, Geneva, Switzerland	2010-2012
3D Programming Developer and Teacher Hypergraphics-3D, Geneva, Switzerland	2007-2010

SKILLS

Self-Learning	Computer Programming (since 1997), Algorithmics (since 2003), Artificial Intelligence (since 2004), Networking (since 2006), 3D Programming (since 2007), Cloud Computing (since 2010), Blockchain (since 2011), Operating Systems Development (since 2012) IPFS (since 2020), RINA Recursive InterNetwork Architecture (since 2020)
Soft Skills	Autonomy, Adaptability, Curiosity, Force of Proposal, Stress Management, Knowledge sharing, Perseverance, Rigor, Sense of organization, Teamwork
Languages	Objective Caml, C, Java, C#, F#, Lua
Frameworks	NodeJS, React Native, Unity 3D, .NET
Web Dev	HTML5, PHP, Javascript, CSS3, JQuery
Databases	MySQL, MongoDB, SQL Server
IDE & Word Processing	Emacs, Eclipse, Visual Studio, Sublime Text, LaTeX, LibreOffice
OS	Linux, GNU/Hurd, BSD, Google Fuchsia OS, Mac OS, Windows

EDUCATION

Self Learner in Computer Science Research , France	Since 2020
BS in Computer Science, specialized in A.I. (3rd year, not obtained) , UPMC Paris 6	2015
MPSI/MP Star, Higher School Preparatory Classes , Lycee Saint-Louis, Paris	2005-2007
Scientific Baccalaureate , Lycee Louis Le Grand, Paris	2001-2005
Self Learner in Computer Programming & Computer Science , France	Since 1997

LANGUAGES

English	Fluent (Reading, Writing), Proficient (Speaking, Listening)
French	Fluent (Reading, Writing Speaking, Listening) - Mother tongue
Caribbean Creole	Proficient (Speaking, Listening)
Spanish	Basic (Reading, Writing)

RESEARCH PUBLICATIONS

- About a fast cryptographic hash function using cellular automata ruled by far-off neighbours**
SSRG International Journal of Engineering Trends and Technology,
DOI: [10.14445/22315381/IJETT-V69I2P206](https://doi.org/10.14445/22315381/IJETT-V69I2P206) 2021
- About Decentralized Swarms of Asynchronous Distributed Cellular Automata Using Inter-Planetary File System's Publish-Subscribe Experimental Implementation**
Preprint, Submitted to IAES International Journal of Informatics and Communication Technology,
DOI: [10.13140/RG.2.2.20778.34249/1](https://doi.org/10.13140/RG.2.2.20778.34249/1) 2021

COMPUTER SCIENCE CONTESTS

- Open Geneva Hackathons 2017** Geneva Green Crypto-currency Hackathon Organizer,
Centre Universitaire Informatique Campus Battelle, Carouge, Switzerland 2017
- Criteo Code of Duty** 2 times semi-finalist, Paris, France 2011-2012
- Prologin French National Programming Contest** 3 times finalist, 1 time semi-finalist,
Amongst 100 best French Programmers : Algorithmics, Programming and Artificial Intelligence 2003-2007
- International Olympiad in Informatics** Member of France Team training 2004-2006
- French-Australian Regional Informatics Olympiad** 3rd and 2nd best French Team Programmer 2004-2006
- France IOI** Finalist of France-IOI National Contest 2006
- USA Computing Olympiad** USACO Monthly International Contests, Bronze and Silver Division 2003-2007