CLEBSON FERREIRA DE PAULA VIEIRA

Cybercrime | Capacity Building | International Cooperation

Cybercrime Analyst at CIBERLAB, Brazil's Ministry of Justice: investigation support, law enforcement training and data-driven prevention

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11	80	12	20+	2
official commendations, including the U.S. Secret Service	integrated operations and actions supported by CIBERLAB (2023 to 2026)	operations against online child sexual abuse and exploitation supported by CIBERLAB	classes taught to law enforcement across Brazil	national courses I originated: BI and AI for public safety

PROFESSIONAL PROFILE

Cybercrime Analyst at the Cyber Operations Laboratory (CIBERLAB) of Brazil's National Secretariat of Public Safety, with nearly 20 years in public security. My work sits where UNODC works: **cybercrime investigation support, capacity building for law enforcement and international cooperation**. I support integrated operations against online child sexual exploitation, fraud and money laundering, online hate and violent extremism, and digital piracy. I designed and teach Brazil's national courses on Business Intelligence and Artificial Intelligence for public safety, with a focus on the ethical and effective use of AI. I hold a degree in Data Science and a postgraduate degree in AI Engineering, and I want to contribute to UNODC programmes on cybercrime, organized crime and criminal justice capacity building.

KEY IMPACT

- **Capacity building at national scale.** Originated the Basic Course on Business Intelligence Applied to Public Safety (55th edition in 2026) and lead the national AI course for public safety, focused on the ethical and effective use of generative AI. Taught 20+ classes for analysts and investigators across Brazil, plus AI modules for the National Public Security Force (commended for an “excellent class”) and for an organized crime investigation course (CIORCRIM).
- **Protecting children online.** CIBERLAB supported 12 operations against online child sexual abuse and exploitation from 2023 to 2026, including Pharos 2 (44 warrants in 19 states and the Federal District), Bad Vibes III (21 warrants, 16 arrests) and Mão de Ferro (11 states). Brazil's Ministry of Justice also took part in the international operation Aliados por la Infancia (2023).
- **International recognition.** Named in the U.S. Secret Service letter of thanks to CIBERLAB (2025) for transnational investigations that included malware attacks on financial institutions, dark web monitoring and cryptocurrency tracing in crimes against children.
- **Online hate and violent extremism.** Operation Rede Interrompida (2026) began with a CIBERLAB report on Telegram groups planning attacks in Brasília; Operation Bulwark (2026), built on the laboratory's reports, executed 33 warrants and 8 arrests in 18 states. Commended for Operation Escola Segura (2023), which helped disrupt planned school attacks.
- **Organized crime and illicit finance.** Supported operations against fraud and money laundering, including bitcoin laundering (Bittrack, 64 warrants in 13 states) and the nationwide capture of online-fraud fugitives (Fraude Zero, 302 arrests in all 27 states). Multi-country action: Cartão Vermelho, run in 9 countries during the 2026 World Cup.
- **International training and cooperation.** Advanced Methods of Crime Investigation, Government of India (2023); nominated for a UNODC training on the diversion of chemical precursors in Puerto Iguazú, Argentina (2025); member of the technical team of Rede Ciber, Brazil's national cybercrime network linking judicial police and prosecutors.

PROFESSIONAL EXPERIENCE

Cybercrime Analyst
2022 to present

CIBERLAB (Cyber Operations Laboratory), Cybercrime General Coordination, DIOPI/SENASP, Ministry of Justice and Public Security | Brasília, Brazil

- Supports integrated operations with state and federal police and prosecutors: OSINT, deep and dark web research, link analysis, geointelligence, digital evidence preservation and data requests to platforms and providers.
- Produces technical reports on online child sexual exploitation, fraud, illegal betting, digital piracy and online extremism, including infrastructure mapping (DNS, ASN, CDN) and attribution.

- Built national BI dashboards and Python ETL pipelines and develops AI agents for investigative workflows, with data protection by design.
- Member of the Rede Ciber technical team: helped design its tracks on integrated operations, tools and training, and the state-level CIBERLABs.
- Supported the search for missing people after the 2024 Rio Grande do Sul floods; mobile phone geolocation helped locate about 68 people.

Intelligence Analyst
2021 to 2022

General Intelligence Coordination (CGI/DINT/SEOPI), Ministry of Justice and Public Security | Brasília, Brazil

- Produced intelligence assessments and led Business Intelligence projects, combining the roles of analyst, developer, instructor and consultant.
- Requesting inspector for Contract No. 63/2021 (open-source, social media, deep and dark web intelligence solution): alternate in 2021 and primary in 2022.
- Supported the Program to Combat Organized Crime (PACCO) with training and integration of intelligence agencies.

Intelligence Analyst
2018 to 2021

Integrated Regional Public Safety Intelligence Center, Northeast (CIISPR-NE), MJSP | Fortaleza, Brazil

- Planned, structured and coordinated the launch of the Center, a priority project of the Ministry, representing the state of Paraíba in the integration of the region's intelligence agencies. Content author of the BI course since 2020.

Intelligence Analyst and OSINT Instructor
2016 to 2018

Intelligence Coordination, Paraíba Military Police (First Sergeant, joined in 2007) | João Pessoa, Brazil

- Police intelligence work and OSINT instruction within the force (2017 to 2021). Seconded to the Ministry of Justice since 2018.

TEACHING AND TRAINING OF TRAINERS

- **Basic Course on Business Intelligence Applied to Public Safety (SENASP).** Originator and content author (2020): teaching plan, weekly schedule, syllabi and assessment. Instructor and monitor for BI Fundamentals, Data Modeling, Dashboard Design and Publishing, and Case Study in Power BI, from 2021 to 2026, in classes held in Curitiba, Teresina, Macapá, Porto Alegre, Natal, Recife, Aracaju and Brasília, plus dedicated classes for FUNAI and GSI.
- **Course on Artificial Intelligence Applied to Public Safety (DEP/SENASP, 2026).** Intellectual lead, appointed by DIOPI as content author (Jan 2026) and instructor of AI Fundamentals and of Intelligent Automation and Generative AI Applications (12 class hours), in the April and August 2026 editions.
- **Other courses.** Special Investigation Techniques of the National Public Security Force (CTEI, 50 h, 2026, with a formal commendation for an “excellent class”); Qualified Investigation of Criminal Organizations (CIORCRIM, 84 h, 2025), covering AI against organized crime; Public Safety Intelligence Course of the Federal District (180 h), New Technologies module, invited in 2025 and again in 2026; Power BI course at the Paraíba civil police academy (2024), at the state's invitation.

PROJECTS AND OWN SYSTEMS

ConcursAI / STUD	Co-creator of an AI-powered exam-prep app. Contributes to app development, mainly the AI layer: AI and machine learning question classification, a predictive module and agents, on a Node.js/TypeScript backend and a React Native/Expo mobile app.
BlindLLM	Desktop app (Electron, React, TypeScript) that pseudonymizes personal data for safe use of LLMs: 22 entity types, LGPD compliance and CI/CD for Windows, macOS and Linux.
Integrity Monitor	Detection of sports betting manipulation with forensic statistics (Benford, chi-square) and AI scoring.
Sigilo, Telegram Threat Radar and Sentinela Bets	Own tools for document anonymization before AI use, a threat radar for Telegram channels and monitoring of the betting market.
ClipMap	Real-time intelligence platform: RSS, generative AI, geocoding, Mapbox and Supabase Realtime (co-authored with Paulo Viana).
Intelligence automations	Monitor of Brazil's Official Gazette (INLABS, GitHub Actions, Supabase), ETL of Chamber of Deputies data and simultaneous English-to-Portuguese transcription for events.

CORE SKILLS

Cybercrime and investigations	OSINT, deep and dark web, link analysis, digital evidence preservation, cooperation with platforms and providers, crypto-asset tracing, online child sexual exploitation and online extremism cases

Capacity building	Curriculum design (teaching plan, weekly schedule, syllabi, assessment), training of trainers, classroom and hybrid delivery for law enforcement
Data and AI	Python, SQL, Power BI, ETL, AI agents, LLMs, generative AI, ethical AI and personal data protection (LGPD)
Cooperation and management	Inter-agency coordination, project management (Rede Ciber), contract oversight, indicators and reporting
Software engineering	Node.js, TypeScript, React, React Native, Electron, REST APIs, CI/CD
Communication	Technical and executive reports, talks to authorities, banks and digital platforms

OFFICIAL RECOGNITIONS

2026	National Public Security Force (DFNSP): formal commendation as AI instructor at CTEI. Director of Integrated Operations and Intelligence: individual commendation for qualified analyses in the fight against cybercrime.
2025	U.S. Secret Service: letter of thanks to CIBERLAB for transnational cybercrime investigations. DIOPI: commendation for Operation 404.8 (digital piracy).
2024	DIOPI: commendations for the missing-persons search after the Rio Grande do Sul floods and for Operation Código Falho. SENASP: thanks for 2023 teaching.
2023	Government of Rio Grande do Norte: thanks and commendation for support during the security crisis. DIOPI: commendation for Operation Escola Segura.
2021	Santa Catarina Civil Police and the Secretariat of Integrated Operations: thanks for the BI course and teaching.

EDUCATION

2022 to 2024	**Postgraduate Degree in Artificial Intelligence Engineering** | Universidade Cruzeiro do Sul, 400 h
2019 to 2021	**Technologist Degree in Data Science** | Universidade Cruzeiro do Sul, 2,040 h
Additional	Advanced Methods of Crime Investigation, Government of India (2023) · OSINT, ABIN (2022) · Financial Intelligence, DINT/SEOPI (2021) · Cyber Intelligence, SENASP (2017) · Social Media Exploitation and Analysis (2019) · QGIS, Brazilian Army (2019) · Executive Reporting Techniques, SENASP (2018) · Intelligence Production Methodology, SENASP (2018) · Databases, SQL, networks and graphic design, Fundação Bradesco (2019 and 2020)

PUBLICATIONS AND LANGUAGES

Publications	Chapter 35 of the collection IA 360: “AI Agents in Investigative Interviewing: Formulating Emotional Hypotheses, Multimodal Analysis and Ethical-Legal Limits” · VERITAS paper (AI agents in investigative interviews) · E-book on crypto-assets (CICC 2026) and materials on quantum computing, cryptography and Bitcoin security
Languages	Portuguese: native · English: advanced reading, intermediate conversation · Spanish: advanced reading, intermediate conversation