Breno LEVI

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LANGUAGES

Portuguese	Native
English:	Fluent
•TOEFL iBT	113/120 – C1
French:	Fluent
•TFI	930/990 – C1
Spanish	Advanced

SOFTWARE

LANGUAGES
Python, C, C++, Java, JavaScript, SQL, Assembly, VHDL, Shell

PROGRAMS
Wireshark, QXDM, QCAT, ELT, MATLAB, Mathematica, SolidWorks, Android Studio, PostgreSQL, Simulink, Amesim, Xcode

OTHER
Git, Gerrit, Jira, Office, LaTeX, AOSP

DISTINCTIONS

2021	Partner Award (Motorola)
2019	Motorola Hackathon (3rd Best)
2017	Eiffel Excellence Scholarship
2014	PICME Scholarship (CNPq)
2012	6th IOAA – Bronze

PATENT
US 11,308,923 B2 - "Electronic device with face orienting user interface". Motorola Mobility LLC, assignee. Issued 2022.

EXPERIENCES

ALTEN / SAGEMCOM | 5G System Engineer
Jun. 2023 – Present | Paris, France
- Technical reference for all mobile network topics, supporting FWA product development across SW, HW, validation, core platform, and project teams.
- Collaborate with major telecom operators, chipset vendors, and certification labs to ensure compliance, integration, and network optimization.
- Lead the development of 5G product validation, implementing automated tools for capability assessment, performance analysis, and throughput testing.
- Configure and manage 5G cell simulators, including Amarisoft, Keysight, Anritsu and R&S callboxes for testing and validation.
- Conduct internal 5G training sessions for cross-functional teams, enhancing company-wide expertise in mobile network technologies.

MOTOROLA | Staff Engineer
May 2022 – May 2023 | São Paulo, Brazil
- Responsible for product's network, modem, and baseband configuration, working within a global team serving multiple telecom carriers as clients.
- Led the development of advanced performance analysis tools for cellular technologies, including 5G NR, LTE, UMTS, GSM, IMS, and VoLTE/VoWiFi.
- Developed automation solutions for embedded Android and AOSP, integrating Python-based tools with CI/CD pipelines.

MOTOROLA / IPE | Software Analyst
Jun. 2019 – May 2022 | Campinas, Brazil
- Led the bring-up and integration of a low-level software interface to collect valuable 5G KPIs from large-scale deployments.
- Analyzed and troubleshot network and UE issues across multiple cellular technologies (5G NR, LTE, IMS, UMTS, GSM, CDMA).
- Worked with baseband logs (Qualcomm/MTK) and wireless test platforms (Keysight UXM, R&S CMW500) for debugging and protocol validation.

MOTOROLA | R&D Intern
Jul. 2018 – Jun. 2019 | Jaguariúna, Brazil
- Developed and maintained tools for analyzing device performance in cellular networks using Qualcomm debugging tools (QCAT, QXDM).

STERBLUE | Engineering Intern
Apr. 2017 – Aug. 2017 | Nantes, France
- Designed and implemented an automated, connected drone station, overseeing control processes, component sourcing, and system automation.

EDUCATION

ÉCOLE CENTRALE DE NANTES | Master's Degree
Sep. 2015 – Aug. 2017 | Nantes, France
- Master's degree in a double graduation program: generalist engineering
- Excellence scholarship offered by French Ministry of Foreign Affairs

UNIVERSITY OF CAMPINAS | Bachelor's Degree
Mar. 2013 – Aug. 2019 | Campinas, Brazil
- Bachelor's degree in Electrical Engineering; 1st decile performance
- Energy, electronics, computing, control, automation and telecommunication