Henrique Domiciano Osinski

Developer

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EDUCATION

UFPR - Federal University of Paraná — Curitiba, Brazil
Bachelor's Degree, Electrical Engineering — 2018 – 2023

SKILLS

</> Python · C/C++ · Rust
Office · Git · Linux
· LaTeX· Bash · AWS · SQL · NoSQL

🅰 English · Advanced
Portuguese · Native
Spanish · Advanced

EXPERIENCE

Mobi7/Localiza — Curitiba, Brazil
Hardware Developer I — 2023 – Present

- Developed reverse engineering API interfaces with Claro for managing 550,000 lines.
- Performed data analysis for automotive telematics and automated analysis for hardware and firmware homologation across 7 different telematics hardware models.
- Built automated data analysis services for automotive telematics involving over 460,000 connected vehicles using SQL, Python, Bash, and cron jobs.
- Worked with agile methodologies based on Scrum.
- Validated and updated devices for private APN in more than 400,000 connected devices.
- Automated installation processes for over 40,000 devices with inductive CAN bus reading.

Mobi7/Localiza — Curitiba, Brazil
Hardware Development Intern — 2021 – 2023

- Homologated Bluetooth applications at the hardware layer for automated door opening solutions.
- Developed installation manuals for the technical network across more than 50 vehicle models.
- Developed embedded solutions for private network communication for 303,000 devices.
- Performed data analysis for automotive telematics.

OTHER INTERESTS

TECHNOLOGY	Automation
	Machine Learning
SOFT SKILLS	Teamwork
	Initiative
	Curiosity

PROJECTS AND LINKS

	Kaggle
	Github
2020-2024	Coincrypt
	Paper SEMicro-PR

GICS   Curitiba, Brazil
Student/Researcher   2019 – 2020

- Developed a vehicle counting algorithm in VHDL.
- Developed image processing algorithms at low, medium, and high levels in VHDL.