Marco Geremia

Firmware Developer

⊙ Cittadella (PD) 📞 +(39) 3451651512 @ me@xomcar.eu 🔗 https://geremiamar.co

Profiles

- **in** xomcar
- **○** xomcar

Technologies

- C
- Go
- Python
- Bash
- Git
- ARM Assembly
- Matlab & Simulink
- HTML
- CSS
- Rust

Interests

- Economics
- Technology
- Videogames
- Electronics
- Reading
- History
- Electric Bass
- Skateboarding

Languages

Italian
Native

English
C1

Summary

I am a very curious individual which loves learning new things. I am passionate about the intricacies of low-level development and optimization, but don't dismay the benefits of high level languages when it comes to automating development processes and simplifying procedures.

I recognize the importance of bureaucracy at work but try to adopt a lean workflow as much as possible. I prefer getting my hands dirty and trying out solutions instead of endlessly pondering.

I love getting stuff done, as good and as quick as possible.

Soft Skills

- Decision making
- Team working
- Critical analysis
- Feedback
- Precision
- Indipendence
- Time management
- Self-improvement
- Responsability

Hard Skills

- Problem solving
- Process automation
- Debugging
- Sofware development
- Software architecture/design
- Unit/integration testing
- ASPICE and ISO 26262
- Documentation
- Technical support
- Agile workflow

Job Experience

Infineon Technlogies AG
Specialist firmware developer
2024/04/03 - Present

Firmware bootrom development, testing and architecture for proprietary ARM-Cortex M SoC on automotive applications.

Keywords: C, ARM Assembly, Python, ASPICE, functional safety, Tessy, Enterprise Architect, Keil, Jira, Jenkins

M31
Junior firmware developer
2022/10/01 - 2024/02/04

Firmware application development for custom medical machinery.

Keywords: C, gRPC, Go, Python, Linux embedded, STM32 mcu, tech support, bug-fixing, debug, unit-testing, CAN, Jira, Bitbucket pipelines

Education

Master's Degree in Control Systems Engineering
Università degli studi di Padova

Bachelor's degree in Computer Engineering
Università degli studi di Padova