

Computer Science and Electronics of Embedded Systems Engineering

DANTE REGIANI FREITAS

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Profile

- Organized
- Patient
- Perseverant
- Cautious

Skills

- Instrumentation and telemetry
- Microcontrollers
- PCB design

Certificates and awards

- Data Science: Data visualization with Python | 2 hours | ID: 78DHW4
- Shell Eco-marathon Brazil 2018 3rd place
- Shell Eco-marathon Brazil 2019 2nd place
- Honorable mention | 9th Brazilian Mathematics Olympiad of Public Schools (OBMEP) 2013
- Bronze Medal | Brazilian Astronomy Olympiad (OBA) 2014

Languages

- Advanced English (C1 level TOEFL – CEFR)
- Intermediate French (B2 level – TCF TP)
- Native Portuguese

Softwares

- Programming in C++ and Python
- Proteus, Qucs and Cadence
- Advanced Excel

Interests

- Video games
- Computers
- Physics
- History

Experience

2022 – 2022 | Nissan Brasil

- Field Quality Assurance Intern
- Quality improvement planning and investigation.

2018 – 2022 | Eco Octano UFPR

- (apr/2018 – aug/2022) | Electrics team member: Development of a telemetry system and motor controller for a prototype electric vehicle. PCB layout development and microcontrollers.

- (dec/2020 – aug/2021) | Team's Captain
- Team's highest leader. Planning of the whole project.

- (oct/2019 – dec/2020) | Electrical Project Leader
- Planning of the electrical system of a supermileage vehicle. Coordination of the electrics team.

2021 – 2022 | GICS UFPR

- Undergraduate researcher
- Development of code in Python for an envelope following circuit simulator.

2018 – 2019 | Ciência para Todos

- Undergraduate researcher
- Development of an embedded system for bicycles for studying atmospheric conditions and pollution.

Education

aug/2022 – today | Bachelor's degree in Computer Science and Electronics of Embedded Systems

- Université Grenoble-Alpes

aug/2018 – aug/2022 | Bachelor's degree in Electrical Engineering

- Universidade Federal do Paraná