Mauro Chiozzi

BIRTH INFO:	Belém/Pará - Brazil|17th October 1995
ADDRESS:	300 Icatu St, São José dos Campos/SP
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PROFESSIONAL EXPERIENCE

FEB/2019 - OCT/2020
Engineer Intern at Embraer S/A - Botucatu/BR
Key-responsibilities: Process Automation; Non-Conformity Analysis between international sites.

JAN/2017 - DEC/2018
Engineer Intern at SINFO - Natal/BR
Key-responsibilities: new features development using TDD (Java).

ACADEMIC EDUCATION

JUL/2016 - OCT/2020
Mechanical Engineer
Final Thesis: Multi-axis loadcell development for AeroDesign Analysis
Federal University of Rio Grande do Norte - UFRN, Natal/BR

JAN/2013 - JUL/2016
Bachelor of Sciences & Technology
Mechanical Technologist, emphasis on Thermodynamics Systems
Federal University of Rio Grande do Norte - UFRN, Natal/BR

ACADEMIC EXPERIENCE

MAY/2018 - OCT/2020
Car-Kará Aerodesign SAE Team member - UFRN
Current Supporting Field: Electronic Design & Data Acquisition Advisor
Previous Experience: Embedded System Designer & Data Acquisition Manager

MAY/2015 - OCT/2020
Car-Kará Baja SAE Team member - UFRN
Current Supporting Field: Electronic Design & Data Acquisition Advisor
Previous Experience: Embedded System Designer & Data Acquisition Manager, and Team Co-Leader

JUL/2017 - NOV/2017
IEEE Student-branch Volunteer - Bahia Section / R9 - UFRN
Technical Committee

AUG/2016 - AUG/2017
Scientific Undergraduate Research - UFRN
"Modalities Concurrency: Fundamentals and Applications in bioinformatics and Service-Oriented Computing"
PIB12828-2016 Advisor: Carlos Alberto Olarte Vega

JAN/2014 - AUG/2016
Undergraduate Teacher Assistant - UFRN
'Programming Logic' course
'Introduction to Programming' course

FEB/2014 - May/2015
Mechatronics Introduction Group (GIM) Volunteer - UFRN
Teacher in 'Introduction to Embedded Systems: Arduino Development'

Participation in SAE[1] Competitions

"SAE International's Collegiate Design Series (CDS) competitions take students beyond textbook theory by enabling them to design, build, and test the performance of a real vehicle and then compete with other students from around the globe in exciting and intense competitions." - SAE International⤤

2018	International: Baja SAE Kansas Phase - 10th Overall National: 20th Aerodesign SAE Brasil - 2nd Overall
2017	National: 23rd Baja SAE Brazil - 5th Overall Regional: 13th Northeast-Phase Baja SAE - 14th Overall
2016	National: 22nd Baja SAE Brazil - 9th Overall

Projects

For more projects and details, navigate to website maurochiozzi.github.io/#/projects⤤

- Centralized Embedded System for off-road vehicle;
- Distributed Embedded System for off-road vehicle;
- Carbon fiber steering wheel with integrated dashboard;
- Distributed Embedded System for radio-controlled airplane;
- Real-Time data view application for telemetry systems.

Languages

PORTUGUESE:	Mother Language
ENGLISH:	Fluent
SPANISH:	Intermediary
ITALIAN:	Beginner

Computer Skills

ADVANCED KNOWLEDGE:	SolidWorks, Microsoft Office and Similar, Python, Java, Arduino, Proteus Ares & Isis, SciLab, MS Project, RapidHarness, VisualBasic/VBA, LaTex, C/C++, Git (VCS)
INTERMEDIATE KNOWLEDGE:	Ansys Workbench, SketchUp, Slack, Power BI, Django, DRF, SQL, React, UML, HTML, CSS
BASICS KNOWLEDGE:	Lisp, Prolog, LINUX, FluidSIM, Daikin Psychometrics, QT, Maude, Geogebra, Java Server Faces, Thymeleaf, Spring MVC, Catia, SAP, SAP Script, Web Scrapper, MatLab, Microsoft Access

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[1]Society of Automotive Engineers