

MATEUS ALVES DA ROCHA

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Brazilian ◇ Kraków - Poland

TECHNICAL SKILLS

Programming languages	C/C++, Python, Shell Script, Assembly, MATLAB
Softwares & tools	Unix/Linux, Git, Github, Bitbucket, Jira, GDB, MQTT, HTTP requests, AES256, Yocto project, Esp32/Esp8266, Arduino, Raspberry Pi, MSP430, Kicad, Fusion 360, CATIA, \LaTeX
Languages	Portuguese (Native Speaker), English (Fluent)

EDUCATION

University of Brasilia - BR Major: Bachelor of Electronics Engineering	<i>December 2018.</i>
Wayne State University - US Exchange program by Ciências Sem Fronteiras	<i>August 2015 - May 2016</i>

WORK EXPERIENCE

APTIV - PL <i>Software Systems Test Engineer</i>	<i>March 2022 - Current</i>
· Developing, documenting and executing software system tests in the automotive embedded software industry.	
OnBoard Mobility - BR <i>Embedded Systems Engineer</i>	<i>October 2019 - March 2022</i>
· Development of solutions in embedded systems using C, C++ and Python in environments Unix/Linux; Integration with AWS server using HTTP requests and MQTT.	
E-lastc - BR <i>Hardware/Firmware Development Engineer</i>	<i>June 2018 - October 2019</i>
· MCU programming in C/C++ languages; Development of circuit boards using Kicad software.	
LaBCert - BR <i>Electronic Engineer Intern</i>	<i>June 2017 - June 2018</i>
· Development of test instruments for certification of electromedical equipment.	
University of California, Los Angeles - US <i>Volunteer Undergraduate Researcher</i>	<i>May 2016 - August 2016</i>
· Development of features to an app written in C# language; Development of scripts in Matlab for processing images obtained with the smartphone.	
University of Brasilia - BR <i>Undergraduate Researcher</i>	<i>January 2014 - April 2017</i>
· Diagnostic Assistance System for Peritoneal Dialysis.	
· EMG signal acquisition system in amputees' stump.	
· Geo-statistical and Sonorous Information System of Dengue.	