VICTOR AFONSO DOS REIS

@ victor.afonsoreis35@gmail.com 📞 +55 (17)982204427 ✉ Av Belvedere, 750, QD A Lote 16, 15056030
📍 São José do Rio Preto-SP, Brazil in www.linkedin.com/in/vdosreis 🎂 19/Apr/1996

PROFESSIONAL EXPERIENCE

Telecommunication Engineering Intern
Qualcomm

📅 Apr 2019 - Dec 2019   📍 São Paulo, Brasil

- 4G and 5G Protocol Analysis and device tests.

Engineering Intern
Intel Corporation

📅 Feb 2018 - Feb 2019   📍 Munich, Germany

- Integration, verification and hardware solutions for G.Fast, VDSL and ADSL modem chips (Home Connected Division).
- Support for engineers in test definition, test development and test execution.
- Use of measurement, testing and modification equipment such as spectrum analyzer, oscilloscopes, loop simulators and soldering stations.
- Develop solutions to hardware problems.

ACADEMICS EXPERIENCE

Scholarship Holder
Fundunesp/UNESP

📅 Jan 2016 - Dec 2018

Study, development and implementation of codings 8b/10b and 64b/66b. Matlab coding was modeled (SIMULINK) and then implemented in an FPGA (Xilinx Kintex 7) using VHDL.

Undergraduate Researcher
São Paulo Research and Analysis Center (SPRACE)/UNESP

📅 Oct 2015 - Dec 2018

Student / Researcher in the field of electronic instrumentation for high energy physics.

Voluntary
PET Elétrica/UNESP

📅 Dec 2014 - Mar 2017

The main activity developed in the group was the Project Workshop in which I was leader of the activity. In this activity electronic projects were developed along with the freshmen of the course.

PUBLICATIONS

📄   Modeling and Implementation in FPGA of 8b/10b Encoding. SIIM/SPS. Nov 2017. Available in: <www.eventos.ufabc.edu.br/siimsps/files/id14.pdf>

📄   Robustness Analysis and State Machine Modeling of 8b/10b Encoding. ERMAC. May 2017. Available in: <www.fc.unesp.br/Home/Departamentos/Matematica/ermac/caderno-ermac_2017.pdf>

STRENGTHS

Python | Matlab | VHDL | FPGA
5G | 4G | xDSL | Spectrum Analyser
Telecommunication Systems
Network Analyser | Call Box
Linux | LaTeX | C# | Simulink
High Speed Communications | Git

LANGUAGES

Portuguese   ●●●●●

English   ●●●●●

German   ●●●○○

EDUCATION

B.Sc. in Electrical Engineering
UNESP-Ilha Solteira

📅 Feb 2014 - Dec 2019

Final Work: Study of the Serial Communication System LpGBT

REFEREES

Bruno Pereira Matheus
@ Nvidia
✉ brunop@nvidia.com
+49 1520 2585764

Prof. Dr. Ailton Akira Shinoda
@ UNESP
✉ aa.shinoda@unesp.br
+55 18 3743-1290