

Rodrigo Dal Ri

ANALYST · DEVELOPER · RESEARCHER

Porto Alegre, Rio Grande do Sul, Brasil

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“Placed in between organizations and technology, I am committed and enthusiastic in what I do. Driven by great challenges and learning opportunities, I look forward to combining technical knowledge with interpersonal skills.”

Summary

Graduated in Computer Engineering from the Federal University of Rio Grande do Sul. I was a researcher at the Computer Networks Group at UFRGS. I currently work as a full stack developer at CDNTV/Technobox.

Characteristics: competitiveness, punctuality, responsibility, and commitment.

Work Experience

CDNTV/Technobox

Porto Alegre, Brasil

FULL STACK DEVELOPER

Dec. 2019 - current

- Front-end development using the Yii and AdminLTE frameworks.
- Developed a video transcoding tool in Python, based on FFmpeg.
- Experience with Video Engineering: Over the Top TV, Video on Demand, HLS/RTMP streaming, CATV.
- Expertise in Streaming media, protocols, codecs, frame rate specs and mobile video specs.
- Experience with various equipment for receiving and transmitting channels such as decoders, encoders, transcoders and receivers.

Federal University of Rio Grande do Sul - UFRGS

Porto Alegre, Brasil

RESEARCHER

Mar. 2018 - Jul. 2019

- Research grant and graduation work
- Internet stability under BGP stress
- Advised by Prof. Dr. Marinho Barcellos, co-advised by Prof. Me. Pedro de Botelho Marcos (FURG), in collaboration with Ignacio Castro (QMUL).
- I helped complete the Dynam-IX implementation on the Hyperledger Fabric platform and developed an Ethereum version written in Solidity.
- Developed a BGP route instability analysis platform with MRTparse & Python.
- Experience with several tools, solutions and technologies such as Git, Blockchain & BGP.

Education

Federal University of Rio Grande do Sul - UFRGS

Porto Alegre, Brasil

BACHELOR IN COMPUTER ENGINEERING

Mar. 2014 - Jul. 2019

- Graduated in the Institute of Informatics of the Federal University of Rio Grande do Sul

Skills

Programming Languages	C, Python, Solidity, Matlab
Transcoding Tools	FFmpeg, Wowza, Flussonic, Nimble
Blockchain Technologies	Hyperledger Fabric, Ethereum
Languages	Portuguese, English

Honors & Awards

DOMESTIC

2019	Research Grant , PIBIC CNPq	Porto Alegre, Brasil
2018	Research Grant , PROBIC FAPERGS	Porto Alegre, Brasil
2018	1st Place , SIC - XXX SALÃO DE INICIAÇÃO CIENTÍFICA DA UFRGS	Porto Alegre, Brasil

Projects, Publications & Courses

Graduation Work - UFRGS

Porto Alegre, Brasil

PUBLICATION

Jul. 2019

- Caracterizando a Instabilidade de Rotas na Internet via Análise de Mensagens BGP
- Available in Sabi UFRGS: <https://sabi.ufrgs.br>

XXX Salão de Iniciação Científica da UFRGS

Porto Alegre, Brasil

PUBLICATION

Oct. 2018

- Explorando Alternativas para Abstração de Políticas de Interconexão e Estabelecimento de Confiança entre Sistemas Autônomos
- Available in: <http://hdl.handle.net/10183/191045>

Seminário ProFuncional Team Villeroy

Porto Alegre, Brasil

SEMINAR

May. 2020

- Como converter os principais atletas do mundo?
- Funções articulares e padrões de movimento na prevenção de lesões.
- Prescrição de treinamento e os principais exercícios aplicados.
- Melhorando a qualidade de vida dos atletas através de intervenções psicológicas.
- Aptidão neuromuscular: as principais demandas do futebol moderno.
- Nutrição no futebol: como potencializar a performance.
- O Método de treinamento funcional utilizado com os atletas: Método Linha Z
- Controle individual da carga de treinamento.

Industrial Controllers Programming Laboratory

Porto Alegre, Brasil

EXTENSION COURSE

Aug. 2017

- Department of Applied Informatics of Federal University of Rio Grande do Sul - UFRGS

PCB Confection

Porto Alegre, Brasil

EXTENSION COURSE

Oct. 2014

- Department of Applied Informatics of Federal University of Rio Grande do Sul - UFRGS

Microcontrollers with Arduino

Porto Alegre, Brasil

EXTENSION COURSE

Oct. 2014

- Department of Applied Informatics of Federal University of Rio Grande do Sul - UFRGS

Cloud Computing

Online

COURSE

Aug. 2014

- MIntel Dialogo TI

Energy Saving

Online

COURSE

Aug. 2014

- Intel Dialogo TI

Additional Information

Driving Driver's license categories A and B

Hobbies Investor, amateur cyclist and runner, homebrewer, fantasy football commissioner