Eliton Albuquerque

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SDE / Cartographic Engineer

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LinkedIn · GitHub
France or Remote

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SKILLS

- **Programming languages and tools**: Python (PyTorch,Numpy,PyQGIS), SQL (Postgres/Postgis), FME
- **Other languages and tools**: JavaScript (React/Gatsby), Docker, Bash, C (OpenMP), C++

EXPERIENCE

First Geoinformation Center   **Fev 2017 - Present**

Cartographic Engineer (Full-time, Porto Alegre, BR)

- ○ **Spatial data production**: As a military engineer, developed and maintained tools to support the production of spatial data within the scope of the Geographical Services Directory - Brazilian Army, by developing multiple QGIS plugins, generating FME / QGIS processing pipelines and maintaining spatial databases.

AIESEC   **Jan 2014 - Jan 2015**

Project Manager of Corporate Sales (Part-time, Volunteer, Rio de Janeiro, BR)

- ○ **Sales Project Manager**: Sales Manager for the Incoming International Global Internship Program, an activity that provides a short-term professional exchange experience for young people. Managed a team of 3 people responsible for managing company-employee relationships, creating new partnerships with local companies and managing existing contacts.

Member of Corporate Sales (Part-time, Volunteer, Rio de Janeiro, BR)

- ○ **Sales Team Member**: Member of the sales team of the Incoming International Global Internship Program, an activity that provides a short-term professional exchange experience for young people. Responsible for surveying and contacting companies aligned with the candidate's profile, program presentation meetings, follow-up and support in the trainee adaptation process.

PROJECTS

- **SegSR**: Built a Pytorch Deep Learning pipeline to conduct MSc experiments on top of PyTorch Ignite and Hydra. (2021)

EDUCATION

Federal University of Rio Grande do Sul   February 2020 - Mars 2022
MSc in Computer Science   *Porto Alegre, Brazil*
Theme: Deep Learning methods to enhance Super Resolution on aerial imagery

Dundalk Institute of Technology   September 2015 - January 2016
Engineering Entrepreneurship Program   *Dundalk, Ireland*

Military Institute of Engineering   February 2012 - December 2016
BSc in Cartographic Engineering   *Rio de Janeiro, Brazil*
Theme: A methodology for using drone mapping in ortho maps

OHTER COURSES

*Network Essentials @ **Cisco***	September 2021
*Deep Learning Specialization @ **Coursera***	September 2020
*PostgreSQL / PostGIS @ **LABGIS***	October 2019
*Cartography and Remote Sensing @ **Faculdade Única de Ipatinga***	August 2019 - Mars 2020
*FME Desktop Basic / Advanced @ **Inovação Tecnologia***	November 2018
*NodeJS / Angular / MongoDB @ **TargetTrust***	July 2018