Douglas M. Souza, M.Sc.

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📍 Porto Alegre, RS, Brazil

Employment History

Aug 2020 – Nov 2020   **Professor in Data Science Specialization,** Computer Science Dept., UniRitter, RS, Brazil
Courses:

- Machine Learning by Optimization

- Advanced Topics in AI

Jan 2017 – Dec 2019   **Cofounder & CEO,** Teia Labs AI Solutions., RS, Brazil
AI startup focused on developing customized machine learning systems for business.

Mar 2019 – Jul 2019   **Professor in Data Science Specialization,** School of Technology, Pontifícia Universidade Católica do Rio Grande do Sul, RS, Brazil.
Courses:

- Python for Data Science

Jul 2014 – Aug 2014   **Software Developer Intern, FNC Inc.**, Oxford, MS, USA.
Helped in the development of the Collateral Management System (Flagship of the company) using ASP.NET MVC..knockoutjs, Entity Framework and SignalR
Worked as a team member
Participated and helped during all software development phases (Scrum)

Education

2018 – 2022   **Ph.D. Candidate in Computer Science, Pontifícia Universidade Católica do Rio Grande do Sul**
Thesis title: *Fine-grained multi-object Text-to-Image Synthesis*.

2016 – 2018   **M.Sc. in Computer Science, Pontifícia Universidade Católica do Rio Grande do Sul**.
Thesis title: *GAN-based Realistic Face Pose Synthesis*.

2013 – 2014   **B.Sc. in Computer Science (Non-degree International Student), The University of Mississippi**.
Thesis title: *Discovery of Movie Cast using Deep Facial Recognition*.

2011 – 2016   **B.Sc. in Information Systems, Pontifícia Universidade Católica do Rio Grande do Sul**.
Thesis title: *Discovery of Movie Cast using Deep Facial Recognition*.

Research Publications

Skills

Languages	🔖	Portuguese – Native
		English – Fluent, latest TOEFL score (15/07/2020): 104
		Spanish – Basic
Coding	🔖	Python, Java, SQL, C/C++, LaTeX
Frameworks	🔖	Full Python scientific stack: numpy, scipy, matplotlib, scikit-learn, scipy, pandas, and others.
		Deep learning libraries: PyTorch and Tensorflow.
		Web apps in Python with Flask.
		Strong experience with Linux.
Databases	🔖	MySQL, PostgreeSQL, SQLite, MongoDB.
Misc.	🔖	Academic research, teaching, training, consultation.

Miscellaneous Experience

Awards and Achievements

2016	🔖	**Merit Award**, Best student of the class of 2016, Information Systems.

Certification

2015	🔖	**Machine Learning by Stanford University**. Awarded by Coursera.