

## Contact

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(LinkedIn)

[www.cvast.tuwien.ac.at/team/roger-leite](http://www.cvast.tuwien.ac.at/team/roger-leite) (Company)

## Top Skills

Agile Methodologies

Data Science

Algorithms

## Languages

English (Full Professional)

Portuguese (Native or Bilingual)

Spanish (Professional Working)

## Certifications

Process Mining: Data science in Action

## Publications

Visual Analytics for Fraud Detection: Focusing on Profile Analysis

Many Views Are Not Enough: Designing for Synoptic Insights in Cultural Collections

Cycle Plot Revisited: Multivariate Outlier Detection Using a Distance-Based Abstraction

Shapes of Time: Visualizing Set Changes Over Time in Cultural Heritage Collections

Network Analysis for Financial Fraud Detection

# Roger A. Leite

Ph.D. in Data Visual Analytics

Vienna

## Summary

Ph.D. in Data Visual Analytics, Computer Scientist.

8 years working with Data Science and Visual Analytics.

My main interests include Data Science, Visual Analysis, Business Intelligence, and Agile Methodologies. During eight years of developing research, I am most proud of the wide variety of research domains [1] that I had the opportunity to collaborate with.

[1] Research domains:

\*Epidemic - COVID-19

\*Financial - Supply Chains

\*Cultural Heritage - Museum Collections

\*Environment - Cycle Plot

\*Financial - Fraud Analysis

\*Migration - Vienna Internal Data

\*Biology - Phenology

\*Sports - Soccer

Google Scholar: <https://scholar.google.com/citations?hl=en&user=Pmr3cIYAAAAJ>

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## Experience

Vienna University of Technology

University Assistant at Centre for Visual Analytics Science and Technology (CAVAST)

April 2015 - April 2021 (6 years 1 month)

Wien, Austria

Main responsibilities:

\* perform research and develop concepts in the field of Data Science, Visual Analytics, and Interaction Design.

\* design new techniques and implement interactive prototypes

\* write scientific publications

- \* review of scientific publications
- \* participate in scientific and consulting projects
- \* participate in writing research proposals
- \* work within a creative, highly motivated, and international team
- \* participate in teaching and supervision of student projects and theses

## UFRGS

### Scientific Researcher

March 2013 - March 2015 (2 years 1 month)

Porto Alegre, Brazil

#### Main responsibilities:

- \* perform research and develop concepts in the field of Data Science, Visual Analytics, and Interaction Design
- \* design new techniques and implement interactive prototypes
- \* write scientific publications & research proposals
- \* review of scientific publications
- \* participate in scientific and consulting projects
- \* teaching and supervising of student projects and theses

## ADP

### Software Developer

January 2011 - December 2012 (2 years)

Software developer in ACS Portal team.

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## Education

### Technische Universität Wien

Ph.D., Computer Science, Data Visual Analytics · (2015 - 2021)

### Federal University of Rio Grande do Sul

Master's degree, Computer Science, Data Visual Analytic · (2013 - 2015)

### Pontifícia Universidade Católica do Rio Grande do Sul

Bachelor's degree, Computer Science · (2009 - 2012)