HUGO ALEJANDRO ROBALINO URVINA

DATA SCIENTIST
MACHINE LEARNING ENGINEER

CONTACT

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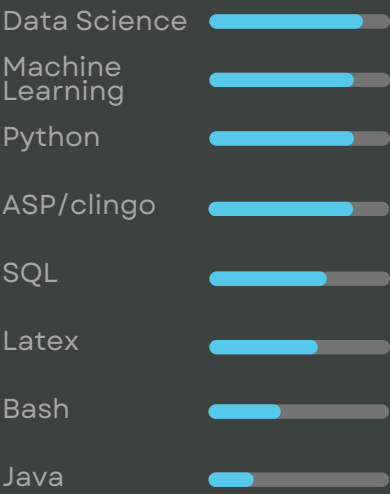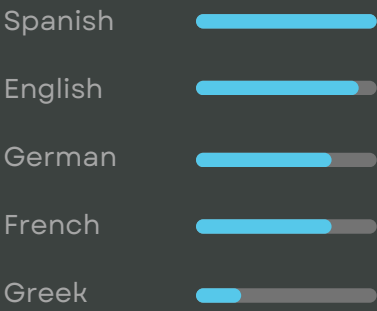Berlin 10439

GitHub

14.02.1995

SKILLS

Data Science

Machine Learning

Python

ASP/clingo

SQL

Latex

Bash

Java

LANGUAGES

Spanish

English

German

French

Greek

REFERENCES

Philippe Thomas
Researcher at DFKI
philippe.thomas@dfki.de

Manfred Stede
Professor at Uni Potsdam
stede@uni-potsdam.de

ABOUT ME

Language and culture lover with a strong interest in Machine Learning, Data Science and Artificial Intelligence. Organized, detail-oriented, precision-driven and capable of working effectively in a team. Seeking a suitable role in a competitive environment.

EDUCATION

M.Sc. Cognitive Systems   **10.2018 - now**
University of Potsdam, Germany
Focus: Machine learning, deep learning, NLP, logic programming

Thesis / Praktikum at DFKI (ongoing)
Bioinformatics/NLP: Gene mutation nomenclature grounding

Projects:
Intra-logistics and Warehouse Automation
- Agents (robots) are placed in grid to find a satisfiable plan
- Logic programming with ASP (Answer Set Programming)
- Achieved partial action parallelization

Graph Neural Networks (GNN)
- Worked with GNN from the UPFD framework for fake news detection
- Implemented the center loss within the GNN
- Implemented in PyTorch-geometric

Text Classification
- Collaboratively collected own text dataset
- Created Machine Learning models with the NLTK library
- Developed feature engineering for text classification, including word embeddings with doc2vec

German Language Course   **11.2017 - 05.2018**
Deutsch Akademie, Berlin

B.A. Linguistics   **09.2013 - 06.2016**
Université Lumière Lyon 2, France

WORK EXPERIENCE

Primary school English teacher   **10.2016 - 07.2017**
Fundación Edificar, Quito, Ecuador

Research assistant: Kichwa language in the Amazon   **08.2016**
Ikiam University, Tena, Ecuador

PUBLICATIONS

Computer-Based Classification of Preservice Physics   **10.2020**
Teachers' Written Reflections
Journal of Science Education and Technology

OTHER ACTIVITIES

Ecuadorian Folk dance   **10.2019 - now**
Mashikunas, Berlin

Student council treasurer   **07.2019 - 08.2022**
Fachschaftsrat CogSys, Potsdam

Organization of a student   **12.2019 - 11.2020**
linguistics conference
StuTS 68, Berlin

Community theater   **10.2019 - 02.2020**
Universität der Künste, Berlin

English drama group   **10.2018 - 06.2019**
University of Potsdam