


DANIEL BLASKO

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/in/daniel-blasko 



EDUCATION

MSc. - Data Science | University of Technology Vienna, Austria | 2022-2024
MEng. - Computer Science | National Institute of Applied Sciences Lyon, France | 2020-2023
Higher National Diploma - Computer Science | IUT Lyon 1, France | 2018-2020
Baccalaureate in Sciences – with distinction | Jean Sturm, Strasbourg, France | 2016-2018



PROFESSIONAL EXPERIENCES

INTERDISCIPLINARY PROJECT | IFT TU Wien – Vienna, Austria | MARCH-JULY 2023

Research project at the institute for manufacturing engineering and photonic technologies. Experimental evaluation of industrial machine data extraction methods using different OPC-UA endpoint implementations and industrial edge devices on Siemens and FANUC machines.

DATA SCIENCE FOR IoT SECURITY – INTERN | Cisco - Lyon, France | MAY-SEPT. 2022

On-premise network data-analysis and modelling for identification and tracking of components on industrial IoT networks in the Cisco Cyber Vision product. Created client-dataset analysis and reporting tools and integrated machine-learning algorithms in the product for network component classification and clustering.

CONSULTANT | ETIC INSA Lyon (Junior business) - Lyon, France | 2020–2022

Understanding and formalizing client needs, conceiving and implementing mock-ups, exchanging with clients to support them in their IT projects.

MOBILE DEVELOPMENT INTERN | Worldline Global - Lyon, France | JUNE-AUGUST 2021

Cross-platform development in Flutter for two mobile banking applications. Analyzed the current in a presentation and written article synthetizing the tradeoffs of a transition to Flutter for new projects.

SOFTWARE DEVELOPMENT INTERN | NatBraille & LIRIS lab - remote | APRIL-JULY 2020

Modelled, specified, and implemented a pedagogical web application to teach Braille. Organized and led user interviews, specified the requirements and modeled the architecture. Implemented Braille application in PHP and JavaScript, with key emphasis on web accessibility.

R&D INTERNSHIP | Transchain - Strasbourg, France | JULY-AUGUST 2019

Developed an API, multiple GUIs and different system scripts in Golang for Transchain's blockchain in a scrum-based environment. Heavy usage of Docker containerization and creation of multiple continuous integration scripts. Ensured a high test-coverage for every project. The created tools are used by clients & internally.



SKILLS

Languages:

Python
R (tidyverse)
Prolog (fuzzy logic)
Java: Swing, Spring
Android
Dart (Flutter)
JavaScript, PHP
C, C++ (systems & parallel programming)

Data Science tools:

Frameworks: Practical experience with Scikit-learn, Keras, PyTorch, OpenCV & data visualization libraries.
Data intensive computing: AirFlow, Hadoop, Spark.
Knowledge graphs: experience with Protégé, OpenRefine, GraphDB, KG embeddings

Systems:

Linux
Windows,
MacOS
Docker
containerization
Deployment:
Gitlab CI, Jenkins
CI, Github

Databases:

SQL, PLSQL, MongoDB

Computer Networks:

General **networking theory**, experience with **industrial networking protocols**.

Languages:

French – Native, C2
Slovak – Native, C2
English – TOEIC 990, C1
German – DSD2, C1 certificate