

Tamer Khraisha

Data Scientist

I am a network and data scientist with domain knowledge in finance and technological innovation. I have experience in statistical modeling, innovation networks, data engineering, task automation, and the development of data products. I am interested in working in applied machine learning, technological innovation research, fraud/anomaly detection, data product development, and cloud technologies.



Personal Info

Address

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E-mail

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<https://www.linkedin.com/in/tamer-khraisha-22a11640/>



Analytical Skills

Network science

Empirical finance

Data mining algorithms

Statistical analysis

Computer simulations

Stochastic modeling



Software skills

Programming: Python, R

Database/ETL: SQL-92, Snowflake,

Postgres, MySQL, Apache Airflow

Web Development: HTML5, CSS, JavaScript

(D3, JQuery, Vue)

Cloud: AWS EC2 and S3

Big data: Apache Spark

OS virtualization: Docker

Version control: Git



Languages

Arabic - Native

English - Fluent

Italian - Fluent

French - Basic



Interests

Tennis, Gym, Hiking



Working Experience

01-2018- Present

Data Engineer & Developer at Alphacruncher

KAPTÁR Coworking, Budapest, Révay köz 4, 1065

Alphacruncher provides an online platform for data management and data-driven education using well-known and large financial datasets.

- Creating metadata for financial data models and supporting online documentation
- Creating interactive web visualizations and dashboards for financial datasets using D3.js and Apache Superset
- Creating a JQuery QueryBuilder application to create complex SQL queries and filters
- Researching methods employed in the extant literature for filtering and manipulating the financial datasets offered with citations
- Writing complex SQL code for implementing the various methods for filtering and manipulating the datasets
- Adding advanced functionalities to the Comprehensive Knowledge Archive Network (CKAN) for data management.
- Creating a Python library for automating the identification and correction of date formats in the datasets.
- Automating Extract, Transform, Load tasks by creating and scheduling Directed Acyclic Graphs (DAGS) scripts in Apache Airflow.
- Worked on data matching for reproducing datasets used in scientific papers
- Creating dockerized environment for testing web applications using Selenium



Education

09-2015 - 05-2019

Ph.D in Network Science

Department of Network and Data Science

Central European University – Budapest, Hungary

Thesis: Network Structure and Optimal Technological Innovation

01-2017 - 04-2017

Recognized Student at the Institute for New Economic Thinking at the Oxford Martin School

University of Oxford – Oxford, UK

09-2012 - 11-2014

Master's in Economics and Economic Policy

University of Bologna – Bologna, Italy

09-2008 – 03-2012

Bachelor of Science in Financial Economics

University of Bologna – Bologna, Italy