

Tamer Khraisha

Central European University

Center for Network Science

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Working Experience

Jan 2018 – Present

Financial Data Scientist

Alphacruncher - The cloud platform for scientific research.

Alphacruncher provides academic researchers online-access to well-known financial datasets and tools for data manipulation, analysis and reporting. Alphacruncher provides training and documentation on the use of the datasets as well as methods and techniques.

- Creating metadata for financial data models and supporting online documentation
- Creating interactive web visualizations of financial datasets using D3.js
- Researching methods employed in the extant literature for filtering and manipulating the financial datasets offered with citations
- Writing SQL code for implementing the various methods for filtering and manipulating the datasets

Education

Sep 2015 – Aug 2018

Ph.D in Network Science

Central European University – Budapest, Hungary

Jan 2017 – Mar 2017

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

University of Oxford – Oxford, UK

Sep 2012 – Nov 2014

Masters in Economics and Economic Policy

University of Bologna – Bologna, Italy

Sep 2008 - Mar 2012

Bachelor of Science in Financial Economics

University of Bologna – Bologna, Italy

Analytical Skills

- Complexity and Network Analysis
- Data Mining and Machine Learning Classification Algorithms
- Econometric Analysis
- Data Analysis and Data Structures
- Scientific Research Methods in Economics and Complex Systems
- Financial and technological data analysis

Programming Skills

- Programming Languages : Python, R , Java, C++
- Database / ETL : SQL (SQL-92, Snowflake, MySQL), Knime
- Data visualization : D3.js, Gephi
- Web development : HTML5 , CSS, Javascript
- Other : Git, Docker

Scientific Publications

Khraisha, T & Arthur, K (2018). 'Can We Have a General Theory of Financial Innovation Processes: a Conceptual Approach'. *Financial Innovation* (Springer Open)

Research Interests

- Financial and economic networks
- Technological Innovation and Evolutionary Economics
- Banking and Finance
- Economic Policy and Regulation

Visiting Scholar Abroad

Sep 2017 – Oct 2017	Visiting Scholar at the 'Complexity Science Hub' in Vienna Josefstädter Straße 39, 1080 Vienna, Austria
Jun 2012 – Jun 2014	Visiting Scholar at the 'Observatory of Complex Systems' University of Palermo – Palermo, Italy

Conferences, Schools & Seminar Talks

- Summer School “*Complex networks: theory, methods and applications II*” , Villa del Grumello, Como, Italy, (15-19 May 2017)
- *Conference on Complex Systems (CCS)* , Beurs Van Berlage, Amsterdam, The Netherlands (19-22 September 2016)
- *Young Scholars Initiative (YSI)* by the Institute for New Economic Thinking in New York, Central European University, Budapest, Hungary (19–22 October, 2016)
- *European Association of Evolutionary Political Economy Conference (EAEPE)*, Corvinus University, Budapest, Hungary (19-21 October 2017)
- Seminar talk at the Arab American University in Jenin (Palestine): ‘The New Science of Networks’. (29 November 2017)

Languages

Arabic : Native | **Italian** : Fluent | **English** : Fluent | **French** : Basic

Awards

2018 Award for Advanced Doctoral Students, Central European University

Organizational Activities

2018 Organizer of the fifth edition of Data Stories exhibition of research visualizations at the Central European University (CEU), Budapest (HU).

2018 Student Representative of the Center for Network Science (CEU), Budapest (HU)

Other

Sports: Gym and tennis

Causes that interest me: history, human rights, peace and free societies.