

Hacene Tchoketch-Kebir

Street Djamal Eddine El-Afghani, Rostomia, Algiers 16011, Algeria
(+213) 675 512 834 | hassentchoketch@gmail.com | h.tchoketchkbir@cread.dz

WORK EXPERIENCE

Economic Researcher

Jul 2020 – Present

Research Center in Applied Economics for Development (CREAD)

Street Djamal Eddine El-Afghani, Rostomia, Algiers 16011, Algeria

- Conducting in-depth research, analysis, and interpretation of macroeconomic trends, policies, and their impact on various sectors of the economy.
- The position requires a strong foundation in economic theory, quantitative analysis, and the ability to effectively communicate research findings.

Professor of Statistics (Contract)

Sep 2023 - Present

Ibrahim Sultan Cheibout University (Algiers 3)

02 Rue Ahmed Ouaked, Dely Ibrahim, Algiers, Algeria

Professor of Statistics (Contract)

Sep 2018 - Jul 2020

Ali Iounici University (Blida 2)

Afroun, Blida 9000, Algeria

- Teach undergraduate and graduate courses in statistics, probability theory, and data analysis.
- Provide academic advising and mentoring to students, guiding them in their coursework, research projects, and career development.
- Contribute to the academic community through participation in conferences, workshops, and professional organizations.

Senior Inspector of Competition and Economic Investigations

Feb 2013 - Jul 2020

Trade Directorate

The Urban Pole, Medea 26000, Algeria

- Leading and conducting comprehensive investigations into competition-related matters and economic practices.
- This position requires a deep understanding of competition laws, economic principles, and the ability to analyze complex data and evidence.

EDUCATION

Ali Iounici University (Blida 2)

Blida, Algeria

PhD in Macroeconomics and International Finance

Sep 2014 - Jul 2018

Department of Economics

Dissertation: "The main source of macroeconomic fluctuations and the role of monetary and fiscal policy in oil-exporting countries: A DSGE Approach for Algeria"

Saad Dahlab University (Blida 1)

Blida, Algeria

Master in Macroeconomics and International Finance

Sep 2010 - Jul 2012

Department of Economics

Dissertation: "Inflation Dynamics in Algeria: Estimation of the Hybrid New Keynesian Phillips Curve"

Saad Dahlab University (Blida 1)

Blida, Algeria

Bachelor in Quantitative Economics

Sep 2007 - Jul 2010

Department of Economics

PROFESSIONAL PUBLICATIONS

- H.Tchoketch-Kebir and A.Madouri** (2024). "Research Leadership and High Standards in Economic Forecasting: Neural Network Models Compared with Etalon ARIMA Models", business ethics and leadership(BEL), 8, 1, pp 220-233
- A.Madouri and H.Tchoketch-Kebir** (2024). "Choosing Exchange Rate Systems in Oil-Exporting Countries: Frankel's Currency-plus-Commodity Basket Proposal Versus the Current System - The Case of Algeria -".CSAE Conference, Oxford, UK
- A.Madouri and H.Tchoketch-Kebir**(2023). "*Choosing Exchange Regimes in Oil-Exporting Countries: Frankel's Proposal (CCB) versus the Actual Regime: The Case of Algeria (In Arabic)*".ERF Working Papers Series, ERF, No 1656.
- H.Tchoketch-Kebir** (2022). "*Oil Dependence And Business Cycles In Algeria: New Keynesian Dsge Framework Analysis*". Les cahiers du CREAD, 38, 3, pp 85-107.
<https://dx.doi.org/10.4314/cread.v38i3.4>
- H.Tchoketch-Kebir**, et al. (2021). *Financial development and the industrial sector in Algeria. An econometric study using the ARDL model* .Title of Book 'The industrial sector in Algeria... reality and future bets', University of Laghouat.
- H.Tchoketch-Kebir** (2019). "*Fiscal policy and fluctuations in the economic cycle in oil economies*" (in Arabic. Conference: Monetary and financial trends of the Algerian economy in the light of regional and international economic developments, Djelfa, Algeria.
- H.Tchoketch-Kebir** (2019). "*Oil price shock and the role of monetary and fiscal policy mix in the Stabilization of macroeconomic variables: A case study of Algeria economy*" (in Arabic). International Journal of Economic Studies, 06, pp 214 – 230,(in Arabic),
https://democratic-ac.de/?page_id=50832
- H.Tchoketch-Kebir**, M.Bouchama (2017). *Assessing the Impact of Oil Price Volatility on Monetary Policy Performance: Evidence from the Algerian Economy (2001-2015)*. Innovation Journal, 07, 08, pp 65 – 84,(in Arabic), <https://www.asjp.cerist.dz/en/article/31667>.
- H.Tchoketch-Kebir** (2016). *Inflation Dynamics In Algeria: Estimation Of The Hybrid New Keynesian Phillips Curve*. Les cahiers du CREAD, 32, 117, pp 115 – 135,
<https://www.asjp.cerist.dz/en/article/8500>
- H.Tchoketch-Kebir** (2015). "*Dynamics of macroeconomic variables and oil shocks in Algeria: VAR Approach*" (in Arabic). Conference: Repercussions of the collapse of oil prices on exporting economies, risks, and solutions, Medea, Algeria

TECHNICAL SKILLS

Econometric Modeling: Proficient in employing Vector Auto-regression (VAR) and Structural VAR (SVAR) models to analyze macroeconomic variables and identify causal relationships. Experience with Developing and implementing Dynamic Stochastic General Equilibrium (DSGE) models for analyzing economic trends and policy impacts in oil-exporting countries.

Data Analysis: Experience with applying advanced data analysis techniques and statistical methods to uncover trends, disparities, and patterns in economic data. Creating interactive visualizations and dashboards using Tableau to communicate complex economic findings effectively.

Deep/Machine Learning: Experience in applying various deep learning models, including RNN, LSTM, and CNN, to analyze and predict economic trends. Conducting data preprocessing, feature engineering, and model optimization to enhance forecasting performance. Achieved notable accuracy

improvements in forecasting key economic indicators, contributing to more informed decision-making processes.

Reinforcement Learning: Experience in applying different reinforcement learning algorithms for optimization problems such as optimal monetary policy.

Web Scraping: Familiarity with web scraping techniques to gather economic data from various online sources for analysis and insights.

DEVELOPMENT SKILLS

Programming and scripting languages: Python, SQL (Postgres), R, Dynare.

Deep/Machine Learning development tools: scikit-learn, PyTorch, TensorFlow.

Operating systems: Windows, MacOS, Ubuntu.

Version control: Git, GitHub.

Other tools: Numpy, Pandas, VS Code, Matplotlib, Seaborn, Jupyter Notebook, Tableau, Excel, Eviews.

VOLUNTEER EXPERIENCE

In addition to my professional experience, I actively engage in volunteer work to contribute to the community and make a positive impact. I have dedicated my time and skills as a teacher to various organizations. Through my volunteer work, I have developed strong interpersonal and teamwork skills, while also gaining a deeper understanding of social issues and the importance of giving back.

Volunteer Teacher	2008-2015
<i>Association of El Amel</i>	<i>Medea, Algeria</i>
Volunteer Teacher	2014-2016
<i>Association of Algerian Muslim Ulema</i>	<i>Medea, Algeria</i>
Volunteer Member	2011-2014
<i>Algeria Red Crescent</i>	<i>Medea, Algeria</i>

LANGUAGES

Arabic: Native

English: Professional Working Proficiency.

French: Professional Working Proficiency.

LINKS

Websit: <https://hassentchoketch.github.io/>

LinkedIn: <https://www.linkedin.com/in/hacene-tchoketch-kebir-08348b12b/>

GitHub: <https://github.com/hassentchoketch>

ResearchGate: https://www.researchgate.net/profile/Hacene-Tchoketch-Kebir?ev=hdr_xprf

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