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Algeria

Chief of Bureau's Forecasting Equilibrium Economic at the Ministry of Finance

I am a doctoral statistician who has eleven (11) years of experience at Directorate-General for Forecasting and Policies in **ministry of Finance**. As **chief of Bureau's forecasting economic equilibrium**, I am specialist in forecasting, governmental consulting through macroeconomic modeling & impact studies. Furthermore, I am well organized, Rigorous, dedicated and always plan ahead to make sure I manage my time well.

Samira OUALA



Education

PhD in Statistics & Applied Economics

At Ecole Nationale Supérieure de Statistique et d'Economie Appliquée - ENSSEA

Location : Tipaza, Algeria.

Completion Date : December 2023

Dissertation Title : Macro econometrics modelling for economics Policies, Application : Algeria.

Magister degree: magisterium of Applied Statistics

At Ecole Nationale Supérieure de Statistique et d'Economie Appliquée - ENSSEA

Location : Algiers, Algeria

Completion Date : December 2013

Thesis Title: Statistical analysis for Unemployment Duration in Algeria.

Engineer in Economics and Applied Statistics option Applied Statistics

At Ecole Nationale Supérieure de Statistique et d'Economie Appliquée - ENSSEA

Location : Algiers, Algeria

Completion Date : June 2009

Project Title: Impact of government expenditure on growth in Algeria.

Award: 3rd Major.

Published Papers

OUALA S. (2022) « **Impact of the implementation of the African Continental Free Trade Area (AfCFTA) on the Algerian economy** », Center for Global Trade Analysis, Purdue University.

OUALA S. and AIT MOHAMMED M. (2021) "**Impact Analysis of Covid19 On Algerian Economy: General Equilibrium Model** ", Journal of Statistics and Applied Economics.

Work experience

Chief of Bureau of Forecasting Equilibrium Economic

At Directorate-General for Forecasting and Policies.

Location: Algiers, Algeria.

Company: Ministry of Finance.

Job Role: Office manager.

May 2012– Present 2023 At the General Directorate of forecast and Policies of the Ministry of Finance, I am working on various topics related to modelling, forecasting, simulation, and macroeconomic analysis. More specifically, I have accomplished the following projects:

- Participate in the elaboration of the macroeconomic framework of the finance laws;
- Participate in the preparation of the financial law presentation report;
- Contribute to the economic outlook report;
- Participate in the appropriation of the general equilibrium model designed for the problem of subsidies in Algeria;
- Forecast macroeconomic aggregates using time series;
- Performed macroeconomic modeling and impact studies, with a focus on the conception of:
 - The budget revenue forecast template;
 - The model for forecasting the flow of funds matrix;
 - The model for forecasting the quarterly economic accounts;
 - The Macro-Econometric Forecasting Model of the Household Expenditure Income Account (MPCRDM);
 - The General Equilibrium Model of Foreign Trade (EGCCE).
- Conduct analytic studies and economic and social research on specific subjects or topics of general interest; in particular report on:
 - Macroeconomic impact of subsidy reform;
 - Analysis and forecasting of household purchasing power in Algeria;
 - Analysis and forecasting of the exchange rate in Algeria.
- Data Analysis.

Assistant Professor

At Ecole Nationale Supérieure de Statistique et d'Economie Appliquée – ENSSEA.

Location: Tipaza, Algeria.

Company Industry: Education, Training, and University.

Job Role: Education and supervising projects.

March 2016- June 2017 as an assistant professor of course "Calculus".

October 2015- February 2016 as an assistant professor of course " Operations Research",

March 2014- June 2015 as an assistant professor of course "Time Series".

As a teacher, I spent hours browsing countless journals, books and other online resources for information about the module I teach. Overall, I always try to simplify mathematics and statistics by linking them to the world of work, in order to bring students closer to the professional world.

Trainings

July 2023: Certificate in Modern Strategic Planning.

Arab Planning Institute (API) – Kuwait.

October 2021: Certificate in dynamic stochastic general equilibrium (DSGE).

M&S Research Hub ; Cassel, Allemagne.

Septembre 2021 : Certificate in l'utilisation des modèles des tableaux d'entrée-sortie dans l'étude d'impact des politiques économiques et sectorielles.

Fond monétaire arabe (FMA) ; Alger.

June 2019: Certificate in Economic Modeling applied to Trade Policy Reforms in Africa.

At African Institute for Economic Development and Planning (IDEP_CEA); Algiers, Algeria.

March 2019: Certificate in Computable General Equilibrium Model.

World Bank Group; Algiers, Algeria.

December 2018: Certificate in Financial Programming and Policies.

At International Monetary Fund; Washington DC, USA.

2017 – 2018: Training Programs for High Potential Young Executives of the Ministry of Finance.

At Ecole de Formation et d'Accompagnement (CESI Algérie) ; Algiers, Algeria.

April 2017: Certificate in Macroeconomic Forecasting.

At Arab Monetary Found _ Central Bank of Algeria; Algiers, Algeria.

March 2017: Certificate in macroeconomic, analysis, forecasting and policies.

At Arab Monetary Found _ Central Bank of Algeria; Algiers, Algeria.

July 2015: Certificate in Macroeconomic Forecasting.

At International Monetary Fund; Algiers, Algeria.

November 2014: Certificate in Macro stress testing.

At International Monetary Fund– Middle Cast Center for Economics and Finance; Salmiya, Kuwait.

October 2012 –April 2013: Training Programs in Human Resource Management and in public finance.

At Institut Supérieur de Gestion et de Planification (ISGP) ; Algiers, Algeria.

Skills

Software: EViews, GAMS, MATLAB, XL STAT, STATA, SPSS, R, MS Project, sublime txt, MS Office, MS Excel, MS PowerPoint.

Languages: Arabic 
French 
English 

References

Rachid TOUMACHE

Job Title: Professor and Director of ENSSEA.

Company Name : Ecole Nationale Supérieure de Statistique et d'Economie Appliquée – ENSSEA ; Algiers, Algeria.

Phone Number : +213. 550 10 42 21

Email Address: rtoumache@gmail.com

Lulit Mitik Beyene

Job Title: Freelance researcher and consultant.

Company Name: Partnership for Economic Policy (PEP), World Bank Group.

Phone Number: +215 910 008641

Email Address: lulit.mitik@gmail.com

Touhami ABDELKHALEK

Job Title: Professor.

Company Name : Institut National de Statistique et d'Économie Appliquée, Rabat, Maroc.

Phone Number : +212 37774860 ; +212 37770926

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