

# NOUR-EDDINE ECH-CHARFI

Moroccan, Male.

Date of birth: June 10, 1990

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## Profile Summary:

Skilled economist with solid academic training in macroeconomics and econometrics. Fulbright alum with excellent leadership, communication, and collaboration skills. Passionate about international development. Genuinely motivated to improve policymaking in emerging and developing countries. Well versed in the state-of-the-art, macroeconomic policy modeling and quantitative methods. Adept at conducting micro- and macro-economic, evidence-based analysis.

## Skills:

- Economic and policy analysis.
- Solid empirical research skills.
- Ability to work under tight deadlines.
- Excellent writing skills in English, French, and Arabic.
- Skilled in handling extensive microdata.
- Strong understanding of macroeconomics.
- Rigor and great attention to detail.
- Proficient in R, Stata, and MATLAB (Dynare).

## Professional Experience:

**Central Bank of Morocco (Department of economic studies)** | Rabat, Morocco

**Economist** | Apr. 2021 — present

**Mohammed 5 University** | Rabat, Morocco

**Lecturer** | Spring 2020

- Taught quantitative methods for impact evaluation: application in R.
- Helped students to replicate published empirical articles.

**Central Bank of Morocco (Department of research)** | Rabat, Morocco

**Intern: Economist** | Mar. 2016 — Jun. 2016

- Built and estimated a DSGE model using bayesian methods.
- Analyzed the monetary policy of Bank Al Maghrib.
- Simulated the effectiveness of monetary policy under different exchange rate regimes.

## Education:

**Mohammed-5 University** | Rabat, Morocco / **University of Wisconsin Milwaukee** | WI, USA

**Ph.D., Economics** | Feb. 2016 — present

**Dissertation:** “Essays on the macroeconomic determinants and impact of capital account liberalization”, jointly supervised by **Rebecca Neumann** and **Lahcen Oulhaj**.

**College of Europe** | Bruges, Belgium

**M.Sc. : European Economic Studies** | Sep. 2018 — Jun. 2019

- Advanced Applied Econometrics.
- European macroeconomic policy.
- European financial market: structure, functioning and regulation.
- Bank regulation and the EU Banking Union.
- The Political Economy of Europe in Crisis and Beyond.

**University of Wisconsin** | Milwaukee, WI (USA)

**Fulbright visiting scholar** | Aug. 2017 — Aug. 2018

- International macroeconomics.
- Advanced Econometric methods.
- Labor Economics.

**Mohammed 5 University** | Rabat, Morocco

**MA: Economics** (valedictorian) | Oct. 2013 — Nov. 2015

- Advanced Microeconomics.
- National Accounting.
- Econometrics: Time series and Panel data.
- Advanced Macroeconomics.
- **Thesis:** “Monetary policy independence under pegged exchange rate regime: A trilemma perspective for Morocco”

**Mohammed 5 University** | Rabat, Morocco

**BA: Economics and Management** | Oct. 2011 — Jun. 2013

## Publications and Seminars:

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- “Capital account openness as a signal: capital mobility improves fiscal discipline”.
- ECHCHARFI, N; LOUKILI, H (2019). “Les marges de manœuvre de la politique monétaire et régime de change au Maroc: une perspective Néo-Keynésienne du triangle d’incompatibilité”. In Les politiques macroéconomiques au Maroc et dans les pays en développement: quelques études empiriques (pp. 36–67). Rabat: PCNS. Available at: [here](#).
- **Seminars at the Center for Research on International Economics, UWM**  
“Monetary policy independence under pegged exchange rate regime: A trilemma perspective for Morocco”, Nov. 2017.

## Working papers:

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- “Capital Controls Are Needless Under Fiscal Rules.”
- “Bank competition and the risk-taking channel of monetary policy”, with Salim Gadi .
- “The impact of a higher minimum required capital on banks profitability in the EU: Micro evidence from a natural experiment.”
- “Dependency burdens and female labor participation: Mico Evidence from Seven Arab Nations.”

## Scholarships

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- Fulbright Doctoral Joint supervision, *USA* 2017
- College of Europe scholarship, *Belgium*. 2018

## Volunteering Work

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- Our Next Generation, NGO (Mentor and Tutor) *Milwaukee, WI* | Nov. 2017 — Jun. 2018
- Fulbright-Amizade (Service-learning volunteer) *Williamson, WV* | Apr. 2018 — May. 2018

## Language Skills

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- Arabic and Berber: native speaker.
- English: Fully Proficient.
- French: Fully Proficient.
- Spanish: Beginner (Instituto Cervantes Rabat)

## Certificates:

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- The NKM: application to monetary policy analyses and forecasting (NBP) | 27 Sep. — 1 Oct. 2021
- CBMSx: Compilation Basics for Macroeconomic Statistics| May. 10, 2021
- IMFx: Monetary Policy Analysis and Forecasting
- Datacamp: Data Analyst with R | 2020
- Datacamp: Statistician with R | 2020
- DSAX: Debt Sustainability Analysis | Mar. 17, 2017
- ITSx: Policy Analysis using Interrupted Time Series | December 25, 2017
- English as a foreign language TOEFL iBT.

## Software Skills

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| • Importing and cleaning data (Excel, R and Stata) | • Econometrics: Time series (R and Stata)            |
| • Data manipulation (MS Excel, R and Stata)        | • Econometrics: Panel data (R and Stata)             |
| • Data visualization (MS Excel, R and Stata)       | • Writing and editing (MS Word, Latex and Rmarkdown) |
| • Analyzing Survey Data (R)                        | • Blogging and Story Telling (Github pages).         |