Monir Bounadi

Personal

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Education

M.Sc., Econometrics   Jun 2018
Stockholm University
Thesis: Weather and Conflicts in Afghanistan
GPA: 5.00/5

B.A., Theoretical Philosophy   Oct 2016
Stockholm University
Thesis: Textual Evidence for Intuitions
GPA: 4.38/5

B.Sc., Mathematics   Jan 2016
Stockholm University
Thesis: The Foundations of Graph Pebbling
GPA: 4.79/5

M.Sc., Mathematics   May 2015
Stockholm University
Thesis: The Foundations of Graph Pebbling
GPA: 4.88/5

Extra Courses

Advanced
Stockholm University
Courses: Differential equations, optimization and financial development and crises, 22.5 ECTS
GPA: 4.68/5

Undergraduate
Stockholm University and Uppsala University
Courses: Theoretical and mathematical statistics, economics and MATLAB, 75 ECTS
GPA: 4.40/5

Basic
KTH Royal Institute of Technology and Stockholm University
Courses: Introductory mathematics, programming and online coaching, 12.5 ECTS
GPA: Pass

Certificates
DataCamp
Courses: Data science using Bash, Conda, Git, Python, R and SQL, 14 certificates
GPA: Pass

Experience

Amanuensis   Jun 2015–
Department of Mathematics, Stockholm University
- Teaching fellow in undergraduate courses in mathematics and mathematical statistics with applications in Mathematica and R
- Webmaster at Stockholm Mathematics Centre
- Lecturer at the Military Academy Karlberg on behalf of the department

Teaching Assistant   Nov 2017–
Department of Economics, Stockholm University
- Seminar teacher in advanced level econometrics and time series analysis with applications in Stata and R

Research Assistant   Aug 2018–
Department of Economics, Stockholm University
- Worked with research project on cars and fuel taxes

Investigator   Jun 2018–
Expert Group for Aid Studies, Sweden
- Charted existing opportunities for evaluating Swedish aid with geocoded data

Private Tutor   Aug 2018–
Private Company
- Taught graduate econometrics to PhD student in economics

Amanuensis   Jun–Aug 2017
The Ratio Institute
- Wrote interdisciplinary report on wage fairness

Teaching Fellow   Jun 2015
KTH Royal Institute of Technology
- Exam assessor in SF1674 Multivariable Calculus, 7.5 ECTS

Private Tutor   Sep 2014–Jun 2015
Studiepoolen
- Taught mathematics to high school student

Warehouse Worker   Jun–Aug 2011
Saint-Gobain Autover Direktglas AB

Teaching

Stockholm University
- 2018/2019
  - Seminar Teacher
    * EC7413 Econometrics 3b: Time Series Data, 7.5 ECTS (M.Sc.)
    * EC7401 Econometrics I, 7.5 ECTS (M.Sc.)
  - Teaching Fellow
    * MT4002 Stochastic Processes and Simulation I, 7.5 ECTS (B.Sc.)
    * MT4001 Statistical Analysis, 7.5 ECTS (B.Sc.)
    * MT3001 Probability Theory I, 7.5 ECTS (B.Sc.)
- 2017/2018

- Seminar Teacher
    * EC7413 Econometrics 3b: Time Series Data, 7.5 ECTS (M.Sc.)
    * EC7401 Econometrics I, 7.5 ECTS (M.Sc.)
- Teaching Fellow
    * MT4002 Stochastic Processes and Simulation I, 7.5 ECTS (B.Sc.)
    * MT4001 Statistical Analysis, 7.5 ECTS (B.Sc.)
    * MT3001 Probability Theory I, 7.5 ECTS (B.Sc.)
    * MT1008 Challenging Mathematics, 7.5 ECTS (B.Sc.)
    * MM1003 Introductory Course in Mathematics, 7.5 ECTS (B.Sc.)

- 2016/2017
    - Teaching Fellow
        * MM2001 Mathematics I, 30 ECTS (B.Sc.)
        * MM1003 Introductory Course in Mathematics, 7.5 ECTS (B.Sc.)

- 2015/2016
    - Teaching Fellow
        * MM4001 Mathematics for the Natural Sciences II, 15 ECTS (B.Sc.)
        * MM3001 Mathematical Methods for Economists, 7.5 ECTS (B.Sc.)
        * MM2002 Mathematics for the Natural Sciences I, 15 ECTS (B.Sc.)
        * MM2001 Mathematics I, 30 ECTS (B.Sc.)
        * MM1003 Introductory Course in Mathematics, 7.5 ECTS (B.Sc.)

- 2014/2015
    - Teaching Fellow
        * MM1003 Introductory Course in Mathematics, 7.5 ECTS (B.Sc.)

Military Academy Karlberg

- 2018/2019
    - Lecturer
        * Preparatory Mathematics for Studies in Military Technology (B.Sc.)

Publications

Non peer-reviewed

1. Bounadi, M (2018). Weather and Conflicts in Afghanistan. *Expert Group for Aid Studies, Sweden*, EBA Working Paper.
2. Bounadi, M (2017). Bör mainstreamekonomin reformeras? *Ekonomisk Debatt 45(3)*, 70–74.

Presentations

- Dåligt väder och konflikter i Afghanistan, Expert Group for Aid Studies, Sweden   Aug 2018

Awards

- Scholarship for Excellent Master's Thesis in Mathematics from Institut Mittag-Leffler   2015

Computer Skills

Advanced
LaTeX, R, Stata

Intermediate
ArcGIS, Markdown, Python

Basic
Bash Scripting, Batch Scripting, Conda, Git, EViews, HTML, Jekyll, Mathematica, MATLAB, Polopoly, SAS, Scheme, Spreadsheets, SQL

Languages

Swedish (first language), English (proficient user) and Maghrebi Arabic (basic)

Extracurricular Activity

Vice President   2015
The Council of the Faculty of Arts, Stockholm University
  • Moderated and participated in discussions on student issues

Student Representative   2015
The Board of the Faculty of Arts, Stockholm University
  • Discussed and voted on issues at the faculty level

Member   2014–2015
The Student Council of Philosophy, Stockholm University
  • Prepared members for participation in colloquia in philosophy
  • Held series in which members watched and discussed films with philosophical themes

Community Service

Assistant Trainer   2009–2010
Boxing Club Dalen, Sweden
  • 45 minutes exercises in groups of 10-30 persons

Interests

Effective altruism, European politics, 1920-60s film and backpacking by train

Note

References and extended CV available upon request.