

Monir Bounadi

Personal

 23 September 1992
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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 mainstreak ekonomin 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, Poloply, 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.