

# 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 in research project on emissions and fuel consumption
- 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 an 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 mainstreakekonomin reformeras? *Ekonomisk Debatt* 45(3), 70–74.

#### **Presentations**

- Dåligt väder och konflikter i Afghanistan, Expert Group for Aid Studies, Sweden 28 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.