

# Monir BOUNADI

## CONTACT INFORMATION

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## PERSONAL INFORMATION

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Born on 23 September, 1992, Swedish citizen

## DEGREES

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2018 MSc, Econometrics, Stockholm University, GPA: 5.00/5  
2016 BA, Philosophy, Stockholm University, GPA: 4.38/5  
2016 BSc, Mathematics, Stockholm University, GPA: 4.79/5  
2015 MSc, Mathematics, Stockholm University, GPA: 4.88/5

## THESES

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1. Bounadi, M (2018). Weather and Conflicts in Afghanistan. MSc Thesis in Econometrics. Stockholm University.
2. Bounadi, M (2016). Textevidens för intuitioner. BA Thesis in Philosophy. Stockholm University.
3. Bounadi, M (2015). The Foundations of Graph Pebbling. BSc and MSc Thesis in Mathematics. Stockholm University.

## OTHER COMPLETED COURSES

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PhD	Econometrics, 7.5 ECTS, GPA: Pass
Master's	Economics, mathematics, and statistics, 30 ECTS, GPA: 4.75/5
Undergraduate	Economics, programming, and statistics, 75 ECTS, GPA: 4.40/5
Introductory	Mathematics, online coaching, and programming, 12.5 ECTS, GPA: Pass
MOOC	Data science, 17 DataCamp certificates, GPA: Pass

## AWARDS

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

## RESEARCH EXPERIENCE

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AUG 2018–	<p>Research Assistant, Department of Economics, Stockholm University</p> <p>Research assistant for Associate Professor David Seim. I worked on a research project on fuel consumption and emissions. First, while reading the Swedish Budget Bills from 1918-2018, I collected data on fuel taxes in Sweden. Second, I wrote a report on how Statistics Sweden and Transport Analysis has estimated mileage in Sweden since 1999. Third, using Stata, I visualized and analyzed data from the Swedish Road Traffic Registry.</p>
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JUN—NOV 2018	<p>Investigator, Expert Group for Aid Studies, Sweden</p> <p>I wrote a report on the opportunities for evaluating Swedish aid with geocoded data. My investigation involved web scraping in R, and contact with researchers and experts on Swedish aid. I also made an overview of about 250 Swedish aid projects. During my investigation, I had repeated contact with the Swedish International Development Cooperation Agency (Sida). Moreover, I helped Sida improve their web-based information service about Swedish aid (<a href="https://openaid.se">OpenAid.se</a>).</p>
JUN—AUG 2017	<p>Research Assistant, The Ratio Institute, Sweden</p> <p>Research assistant for Adjunct Professor and CEO Nils Karlsson. I wrote a systematic review of the literature on wage fairness. In brief, the review covered four topics. First, the philosophy of fairness. In particular, the theory of fairness by British philosopher and economist John Broome, and the philosophical underpinnings of wage fairness as defined by the Swedish Trade Union Confederation (LO). Second, mathematical measures of wage fairness (e.g., Atkinson's index). Third, research on fairness in psychology and neurobiology. Fourth, modeling of wage fairness (e.g., models by Ernst Fehr, George Akerlof, and others). I end the report with a conceptual model of wage fairness and policy-relevant conclusions.</p>

## OTHER RELEVANT WORK EXPERIENCE

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JUN 2015—	Amanuensis, Department of Mathematics, Stockholm University
NOV 2017—	Seminar Teacher, Department of Economics, Stockholm University
AUG 2018—	PhD Tutor, Economic and Financial Management Anders Borg AB
JUN 2015	Exam Assessor, KTH Royal Institute of Technology

## TEACHING EXPERIENCE

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### STOCKHOLM UNIVERSITY

Spring 2019	<p>Econometrics 3b: Time Series Data (MSc), TA</p> <p>Empirical Methods in Economics 3 (BSc), TA</p> <p>Stochastic Processes and Simulation I (BSc), TA</p> <p>Stochastic Processes and Simulation II (BSc), TA</p> <p>Challenging Mathematics (BSc), TA</p> <p>Introductory Course in Mathematics (BSc), TA</p>
Autumn 2018	<p>Econometrics 1 (MSc), TA</p> <p>Probability Theory I (BSc), TA</p> <p>Statistical Analysis (BSc), TA</p> <p>Numerical Methods (BSc), TA</p>
Spring 2018	<p>Econometrics 3b: Time Series Data (MSc), TA</p> <p>Stochastic Processes and Simulation I (BSc), TA</p> <p>Challenging Mathematics (BSc), TA</p> <p>Introductory Course in Mathematics (BSc), TA</p>
Autumn 2017	<p>Econometrics 1 (MSc), TA</p> <p>Probability Theory I (BSc), TA</p> <p>Statistical Analysis (BSc), TA</p>
Spring 2017	<p>Mathematics I (BSc), TA</p> <p>Introductory Course in Mathematics (BSc), TA</p>
Autumn 2016	<p>Mathematics I (BSc), TA</p> <p>Introductory Course in Mathematics (BSc), TA</p>

Spring 2016	Mathematics I (BSc), TA Mathematics for the Natural Sciences II (BSc), TA Introductory Course in Mathematics (BSc), TA
Autumn 2015	Mathematics I (BSc), TA Mathematics for the Natural Sciences I (BSc), TA Mathematical Methods for Economists (BSc), TA
Spring 2015	Introductory Course in Mathematics (BSc), TA

#### MILITARY ACADEMY KARLBERG

Autumn 2018	Preparatory Mathematics in Military Science (BSc), Lecturer
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## PUBLICATIONS

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### 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

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2018	Brown Bag at the Expert Group for Aid Studies, Sweden
2017	Seminar at The Ratio Institute, Sweden

## COMPUTER SKILLS

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Advanced	TeX, R, Stata
Intermediate	ArcGIS, Markdown, Python 2 and 3
Basic	Bash Scripting, Batch Scripting, Conda, Git, EViews, HTML, Jekyll, Mathematica, MATLAB, Poloply, SAS, Scheme, Spreadsheets, SQL

## LANGUAGE SKILLS

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

## VOLUNTEERING EXPERIENCE

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2015	Vice President, Council of the Faculty of Arts, Stockholm University
2015	Student Representative, Board of the Faculty of Arts, Stockholm University
2014–2015	Member, Student Council of Philosophy, Stockholm University
2009–2010	Assistant Trainer, Boxing Club Dalen, Stockholm, Sweden

## RESEARCH INTERESTS

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Development Economics, Political Economics, and Econometrics

## OTHER INTERESTS

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

Last updated: January 19, 2019