

MARIJN A. BOLHUIS

Email: marijn.bolhuis@mail.utoronto.ca

Web: <http://marijnbolhuis.info>

Phone: +1 (647) 624-1321

Address: 150 St George St, Toronto, Canada

PROFILE

Productive PhD economist specialized in machine learning and international macroeconomics. 7 years of experience developing forecasting models, handling and composing large data sets, and finding practical applications of cutting-edge economic research under tight deadlines.

RELEVANT EXPERIENCE

International Monetary Fund - *PhD Researcher*

2019

→ Built the IMF's first machine learning tool for forecasting macroeconomic variables.

→ Tool combines many different datasets and is still in use today at the Fund.

→ Contributed research to the Article IV consultation of Turkey.

→ Presented findings to senior staff and investment bank economists.

→ Published two IMF working papers on using machine learning to process panel data.

→ Synthesized current theoretical research for future practical applications.

University of Toronto & Utrecht University - *Academic Economist*

Apr 2016 - Present

→ High research output under pressure, with 6 academic papers in publication pipeline.

→ Independently created data set with billions of observations to study international financial linkages.

→ Presented research at 14 conferences and seminars, including at MIT and the U of Cambridge.

→ Won numerous awards and merit-based scholarships, nationally and internationally.

University of Toronto & Utrecht University - *Research & Teaching Ass.*

Jun 2013 - Present

→ Evaluated as "Excellent" or above teaching international monetary economics, money & banking, a.o.

→ Contributed to 5 projects analyzing data, writing reports, developing models, drafting presentations.

RELEVANT EDUCATION

University of Toronto

Ph.D. in Economics *with Distinction in Macroeconomic Theory* (GPA 4.0/4.0)

Awards: Fulbright Scholarship (declined), Ontario Trillium Scholarship, Master of Fin. Economics Award

Toronto

2016-2021

University of Oxford

Recognised Research Student at the Centre for the Study of African Economies

Oxford

2018

University of Groningen

Visiting Graduate Student in Econometrics and Monetary Economics (GPA 4.0/4.0)

Groningen

2016

Utrecht University

M.Sc. in Multidisciplinary Economics *with highest Cum Laude Honors* (GPA 4.0/4.0)

Awards: Honors Program Young Innovators, won €30,000 in scholarships

Utrecht

2014-2016

B.Sc. in Liberal Arts & Sciences *with highest Cum Laude Honors* (GPA 4.0/4.0)

Majors: Energy Science, Economics. *Minors:* Public Admin., International Relations (U of Amsterdam)

Awards: Exceptional Achievement in Chemistry (KNCV & VCNI), won BCG student competition

2010-2014

SKILLS AND CERTIFICATES

Programming Python, R, MATLAB, ArcGIS, Stata, SPSS, EViews, SQL

Statistics Machine Learning, Panel Methods, Dynamic Factor Models, Difference-in-Differences

Languages English (fluent), Dutch (native), German (intermediate), French (intermediate)

Certificates CFA Level I Candidate