

Summary

Trained economist with over ten years of empirical research and data analysis experience. An eagerness to continually learn has contributed to a wide variety of skills in statistical modeling and analysis, data infrastructure, data visualization and cartographic design.

Work Experience

Ingram Micro, Irvine CA, USA

Jan 7, 2019 - Present

Pricing Consultant & Pricing Scientist: Business Intelligence

- Develop and maintain pricing models. Examples: (i) estimate price elasticity using demand models, (ii) price optimization to increase profit or reach sales targets, (iii) utilize customer behavior analytics to dynamically change prices daily, (iv) segment markets according to customer attributes and behavior.
- Maintain Business Intelligence data infrastructure in SQL Server and ensure data integrity.
- Collaborate with stakeholders across the organization. Act as project manager and present analytical findings.
- Advice vendor business managers on pricing actions.
- Heavy use of T-SQL. Some R, Microsoft Excel, PowerPoint, and Power BI.

World Bank Group, Washington DC, USA

June 20, 2016 – Jan 4, 2019

Spatial Econometrician

- Project examples: (i) Predictive analysis of where and when famine will occur, (ii) model transport accessibility to determine optimal investment strategies of new roads and location of new firms and services.
- Build relational database by obtaining, processing, and combining global economic, environmental and infrastructure data on different levels of granularity (from coordinates to administrative levels).
- Contribute to scientific publications and give presentations to stakeholders.
- Frequent use of Stata, ArcGIS, QGIS, Python, R, GitHub, and large datasets (millions of observations) in tabular, geospatial and satellite data format.

Swedish Entrepreneurship Forum

May 20, 2017 – May 31, 2019

Geospatial analyst (20%)

- Geospatial support to research projects in entrepreneurship, innovation, and growth.

Department of Economics, Jönköping University, Sweden

Jan 1, 2012 – Sep 2017

PhD candidate, Researcher (80%) and Lecturer (20%)

- Subject: economics with a focus on regional economics
- Researched the role of transport accessibility for the spatial development of firms and jobs.
- Teaching experience: Microeconomics, Macroeconomics, Statistics and Calculus (100+ lecture hours and online teaching modules)

Miscellaneous work

- Research assistant, Jönköping University
- Intern, Swedish Embassy in Mexico City
- IT helpdesk, Ericsson Enterprise (Sweden)
- Waitress/Bartender (various countries)
- Receptionist (Sweden)

Education

- PhD in Economics, Jönköping University, Sweden (Sep 2017)
- MS in Geographic Information Science, California State University, Long Beach (Aug 2015)
- MS in Economics, Jönköping University, Sweden (Dec 2011)
- BS in Economics, Jönköping University, Sweden (Jan 2010)
- Exchange student: UC Irvine, CA; University of Victoria, Canada; ITESM Monterrey, Mexico

Technical Skills

Data Analysis		Geospatial		Other	
T-SQL	8	ArcGIS/Pro + extensions	8	Git, GitHub	5
Stata	8	QGIS	5	HTML	2
R (incl. Shiny)	6	Geoda	5	Excel	6
Python	4	Google Earth Engine (Cloud)	2	PowerPoint	8
SPSS	5	Sketchup	2	Power BI	3

*Maximum score is 10

Languages / Cultural experience

- Bilingual in English and Swedish, advanced in Spanish.
- Lived in Sweden, Spain, Malaysia, Australia, Canada, Mexico, and USA.
- Interests: family, surfing, skiing, outdoors, animals, playing sports (captain of soccer and softball teams in high school), board games, reading (especially fantasy books).