

Vahid Khatami

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GitHub: <https://github.com/vahyd/>

SUMMARY

Economic Officer at the United Nations, previously worked at the International Monetary Fund and World Bank Group, with a background in international finance. Solid coding and quantitative skills. Detail-oriented expert in business intelligence and risk modeling. Successful team member and leader to meet corporate and institutional goals.

EDUCATION

Master of International Relations , Syracuse University, Syracuse, NY	Sep 2015- Jun 2017
Master of Science, Economics , Sharif University of Technology, Tehran, Iran	Sep 2011- Jul 2013
Bachelor of Science, Computer Engineering , Sharif University of Technology, Tehran, Iran	Sep 2006- Aug 2011

TECHNICAL SKILLS

- Programming Languages and machine learning tools: Java and Python (Advanced), C++, TensorFlow & Scikit-learn
- Data analysis, visualization and cloud computing tools: R (Advanced), Stata, SQL, Tableau, Azure & AWS.

PROFESSIONAL EXPERIENCES

Associate Economic Officer at United Nations, Economic Commission for Europe, Geneva Oct 2022- Present

- Conduct comprehensive analysis of socio-economic data for ECE countries, with a focus on urban and housing management to feed country and smart city profiles.
- Organize and facilitate inter-governmental meetings on land administration, collaborating with cadaster agencies and partner organizations across 36 ECE countries.

Research Analyst at International Monetary Fund, Middle East Department, Washington, DC Jan 2019- Oct 2022

- Monitored and analyzed macroeconomic indicators based on Financial Programming and Policies (FPP) framework for selected countries in MENA and CCA region.
- Developed predictive models for credit risk in banking systems, incorporating both descriptive and machine learning methods, enabling a more accurate assessment of credit risk.
- Conducted technical measurement of inequality and poverty using household panel survey data in three selected countries as an innovative challenge project across the Fund.

AI Technical Consultant at World Bank Group, Blockchain/AI Lab, Washington, DC Feb- Dec 2018

- Utilized machine learning to develop a text mining tool for generating summaries, extracting keywords, and sentiment analysis, automizing the analysis of financial performance documents.
- Designed a data analytics dashboard to monitor procurement transactions recorded on a blockchain platform, improving transparency and efficiency of allocated funds.

Research Assistant at Center for Policy Research, Syracuse University Jan -May 2017

- Constructed a Java-based simulation program employing the MASON multi-agent simulation toolkit to model sequential agent-based electricity markets.
- Formulated diverse scenarios to determine balance prices in simulated test markets, accounting for transaction costs, capacity limitations, and potential market disruption.

Data Analyst at Micro Finance Opportunities, Washington, DC Sep 2016-May 2017

- Performed statistical analysis on financial diaries data to measure the impact of microfinance packages.
- Designed an Android mobile application for beneficiaries to upload financial diaries for cloud-based analysis.