

Marlon Azinović-Yang

ASSISTANT PROFESSOR IN ECONOMICS

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Academic Positions

University of North Carolina at Chapel Hill

ASSISTANT PROFESSOR

Chapel Hill, USA

since 01.2025

University of Pennsylvania

POSTDOCTORAL VISITING SCHOLAR

Philadelphia, USA

09.2022 - 08.2024

Education

University of Zurich

PHD AND ONE YEAR POSTDOCTORAL SCHOLAR

Zurich, Switzerland

09.2016 - 08.2022

Dissertation committee: Felix Kubler (chair), Nir Jaimovich, Simon Scheidegger, Harold L. Cole

ETH Zurich

BACHELOR AND MASTER OF SCIENCE IN PHYSICS

Zurich, Switzerland

09.2010 - 06.2016

Advisor: Matthias Troyer

Research

PUBLICATIONS

Deep Equilibrium Nets. With Luca Gaegau and Simon Scheidegger. **International Economic Review**, 2022. Link to paper.

Assessment of Quantum Annealing for the Construction of Satisfiability Filters. With Daniel Herr, Bettina Heim, Ethan Brown, and Matthias Troyer. **SciPost Physics**, 2017. Link to paper.

WORKING PAPERS

The Anatomy of Amplification: A Frisch-System Approach to Shock Transmission. With Nir Jaimovich, Itay Saporta-Eksten, and Yaniv Yedid-Levi. 2026. Link to working paper.

Deep Learning in the Sequence Space. With Jan Žemlička. 2025. Link to working paper.

Intergenerational Consequences of Rare Disasters. With Jan Žemlička. 2024. Link to working paper.

Low Risk-Free Rates and Intertemporal Arbitrage. With Harold Cole and Felix Kubler. 2023. Updated 2025. Link to working paper.

Teaching

Spring 2026	Econ 890: Computational Methods for Quantitative Economics (2nd year PhD course), Instructor	UNC
Spring and Fall 2025	Econ 590: Computational Methods for Economists, Instructor	UNC
Spring 2023	Econometric Society Summer School in Dynamic Structural Econometrics on Deep Learning for Solving and Estimating Dynamic Models, Instructor	University of Lausanne
July 2019	Open Source Economics Laboratory, Teaching Assistant	University of Chicago
Spring 2018, 2019, 2020	Advanced Financial Economics, Teaching Assistant	University of Zurich

Service

Refereeing: American Economic Review, Review of Economic Studies, Quantitative Economics, Journal of Economic Theory, Management Science, Journal of Financial Econometrics, Quantitative Finance.

Conference Organization: I co-organize the Chapel Hill - Copenhagen conference on Macroeconomics and Deep Learning. Link to the conference.

Presentations

2026: Seminar, Federal Reserve Board, Washington DC (scheduled); Zurich Workshop on the Frontier of Quantitative Macroeconomics: Methods and Models, University of Zurich (scheduled); Artificial Intelligence and the Macroeconomy Conference, UCSB (scheduled); Seminar, Peking University (scheduled).

2025: Seminar, University of Waterloo; Seminar, Arizona State University; Seminar, Shanghai University of Finance and Economics.

2024: Seminar, Toronto Metropolitan University; Seminar, University of Copenhagen; Seminar, University of Sussex (virtual); Seminar, University of North Carolina at Chapel Hill; Seminar, ESSEC Paris; Seminar, IE Madrid; Seminar, National University of Singapore; 18th Annual Conference on General Equilibrium and its Applications, Cowles Foundation, Yale University; SED Conference, Barcelona; ACM Conference on Economics and Computation, Yale University; ESIF AI+ML Conference, Cornell University; Seminar, Wake Forest University; SITE Conference, Stanford University; Conference of the Southern Economic Association, Washington DC.

2023: Bristol Macro Workshop, University of Bristol; EEA-ESEM Conference, Barcelona; DSE Conference on Deep Learning, Lausanne; Brown Bag Seminar, John Hopkins University.

Before: Advances in Computational Economics and Finance, UZH; AI and Economics Seminar, Peking University; Labor, Firms, and Macro Seminar, UPenn; Computational Economics Workshop, UZH; Advances in Computational Economics and Finance, UZH; Brown Bag Lunch Seminar, UZH; SFI Research Days, Study Center Gerzensee; PASC (Poster), ETH Zurich; CEF, Carleton University; Open Source Economics Laboratory, University of Chicago.

Awards, fellowships, and grants

04.2025 - 06.2025	Grant to support Undergraduate Research Assistants , UNC Chapel Hill	\$3'700
09.2022 - 08.2024	PostDoc.Mobility grant to visit the University of Pennsylvania , Swiss National Science Foundation	chf 111'000
Intended: 09.2022 - 08.2023	Given back due to taking the PostDoc.Mobility grant: UZH Postdoc grant , University of Zurich	chf 116'884
Intended: 09.2020 - 08.2021	Given back due to the Covid 19 pandemic: Doc.Mobility grant to visit MIT , Swiss National Science Foundation	chf 48'700
04.2020 - 03.2021	Production project Using deep equilibrium nets to solve large-scale dynamic stochastic overlapping generation models (joint with Felix Kübler and Simon Scheidegger) , Swiss National Supercomputing Centre	49'600 node hours on the PizDaint supercomputer
06.2019	SFI best discussant award , Swiss Finance Institute	chf 500
06.2019	3rd place best poster award , Platform for Advanced Scientific Computing	