

# Marlon Azinović-Yang

ASSISTANT PROFESSOR IN ECONOMICS

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## Academic Positions

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### 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

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### University of Zurich

PHD AND ONE YEAR POSTDOCTORAL SCHOLAR

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

Zurich, Switzerland

09.2016 - 08.2022

### ETH Zurich

BACHELOR AND MASTER OF SCIENCE IN PHYSICS

Advisor: Matthias Troyer

Zurich, Switzerland

09.2010 - 06.2016

## Research

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### 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

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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

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**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

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**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

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