Marlon Azinović-Yang

Assistant Professor in Economics

Office 303, Gardner Hall, Chapel Hill, NC 27514, USA

+1 215 397 7363 | marlonay@unc.edu | https://sites.google.com/view/marlonazinovic/

Academic Positions

University of North Carolina at Chapel Hill — *Chapel Hill, USA*
Assistant Professor — *since 01.2025*

University of Pennsylvania — *Philadelphia, USA*
Postdoctoral Visiting Scholar — *09.2022 - 08.2024*

University of Zurich — *Zurich, Switzerland*
Postdoctoral Researcher — *09.2021 - 08.2022*

Education

University of Zurich — *Zurich, Switzerland*
PhD in Finance — *08.2016 - 08.2021*
Dissertation committee: Felix Kubler (chair), Nir Jaimovich, Simon Scheidegger, Harold Linh Cole

ETH Zurich — *Zurich, Switzerland*
Bachelor and Master of Science in Physics — *09.2010 - 06.2016*
Advisor: Matthias Troyer

Research

Publications

Deep Equilibrium Nets. With Luca Gaegauf 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. Publication in physics.

Working Papers

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.

Asset Pricing in a Low Rate Environment. With Harold L. Cole and Felix Kubler. 2023. Link to working paper.

Teaching

Spring 2025, 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.

Presentations

2025: Seminar, University of Waterloo; Seminar, Arizona State University.

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	*$ 2'300*
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	