Nils Haakon LEHR

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PROFILE SUMMARY

I am a PhD candidate in Economics at Boston University with focus on innovation and technology adoption, labor markets, and economic growth. In my research I aim to combine rigorous economic theory with state-of-the-art empirical methods to bring the mechanisms to the forefront that drive trends in the labor market, technology adoption by workers and firms, and economic growth in the long run.

EDUCATION

Aug/2017 – current	**Boston University** PhD in Economics Primary Advisors: *Stephen Terry and Pascual Restrepo* GPA: 3.87/4.00 Selected courses: Economics of Information and Information Technologies (MIT Sloan), Topic in Macro, Applied Macroeconomics, Topics in Industrial Organization	**Boston, MA, USA**
Sept/2015 – July/2016	**Barcelona Graduate School of Economics** Master Program in Economics and Finance GPA: 8.75/10.0, ranked 3rd out of 90	**Barcelona, Spain**
Oct/2011 – Oct/2014	**Humboldt University Berlin** Economics, B.Sc. Graduation Grade 1.7/5.0	**Berlin, Germany**

PROFESSIONAL EXPERIENCE

Sept/2016 – July/2017	**Deloitte LLP, Economic Consulting** Senior Associate *Experience in policy evaluation, data analysis with large datasets and the Basel III framework*	**London, UK**

OTHER EXPERIENCE

July/2018, June/2019, Jan/2020 – May/2020	**Research Assistant** Pascual Restrepo	**Boston, USA**
Oct/2018 – Dec/2018	**Teaching Assistant** EC102 – Introductory Macroeconomics	**Boston, USA**
Jan/2018 – May/2019	**Teaching Assistant** EC704 – Macroeconomic Theory II (PhD level)	**Boston, USA**
Oct/2019 – Dec/2019	**Research Assistant** Stephen Terry	**Boston, USA**

PARTICIPATION IN CONFERENCES AND OTHER PROFESSIONAL EVENTS

I will present my second-year paper titled "Aging, Technology Adoption, and Growth" at the International Conference on "The German Labor Market in a Globalized World: Trade, Technology, and Demographics"

I participated in the Price Theory Camp at the University of Chicago in June 2018.

References available upon request

To Whom It May Concern,

thank you for considering my application to the PhD Workshop on the Economics of Artificial Intelligence. In the following I want to elaborate on my interest in the economics of AI.

My research interests lie on the intersection between technology adoption, labor markets, and innovation. Naturally, developments in AI are central to each of these fields and are likely to dominate the adjacent policy discussion on the labor market impacts of AI. Thus, I expect my future research to be highly influenced by developments in AI and the economics of AI.

In my current research I explore in how far demographic trends have contributed to the slowdown in productivity growth in the US and Europe via their effect on technology adoption and subsequently on the incentives to innovate. I intent to follow up on this research by studying the determinant of adoption of recent developments in AI and ML.

Finally, I am interested in studying the extent to which technology adoption and invention affect the wage structure in the economy. While this has been studied extensively for the computer and robotics, AI offers a potentially different perspective as one of the few technologies considered to be endangering demand for "skilled" workers such as radiologist, lawyers, and financial analysts.

I would be thrilled to participate in this workshop and take the gained insights to expand my research on AI.

Sincerely,

Nils H. Lehr