

~ Curriculum Vitae ~

Charlie Lindgren, PhD

Senior Lecturer,
Information and Communications Technology,
Information Science

Date of Birth: 21 Jul 1986

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EXPERIENCE

Dalarna University, Falun, Dalarna, Sweden

- Senior Lecturer, Information and Communications Technology Mar 2022 –
 - Teaching in informatics. Amongst others, courses such as data analysis and visualisation, programming in R and Python, supervision of master students, and so forth.
 - Also participating in research focused on international online price dispersion and comparing exchange rates using microdata chain of analysis.
- Lecturer, Information and Communications Technology Feb 2021 – Mar 2022
 - Began working as lecturer during time preceding the PhD defense with primarily teaching in informatics and research.

ThorenGruppen, Umeå, Västerbotten, Sweden

- Independent investigation and settlement negotiation Jun 2013 – Sep 2013
 - Initial task of investigating all Swedish municipalities payments to private schools.
 - Additional task of negotiating settlements with regards to a recent takeover, with added responsibility to make sure collections were handled properly.

Volvo Trucks, Umeå, Västerbotten, Sweden

- Assembler Apr 2006 – Apr 2009
 - Truck manufacturing with "just-in-time" KAN-BAN production techniques as well as six-sigma quality constraints.

RESEARCH EXPERIENCE

Papers - Published

- Carling, Kenneth, Lindgren, Charlie, and Rudholm, Niklas (2025) "Market Integration in Nordic Online Retail Markets: Do Cross-Border Transaction Costs Still Matter?", *Review of International Economics*, DOI: 10.1111/roie.12796.
- Lindgren, Charlie, Li, Yujiao, and Rudholm, Niklas (2022) "Why do firms compete on price comparison websites? The impact on productivity, profits, and wages", *The International Review of Retail, Distribution and Consumer Research*, DOI: 10.1080/09593969.2022.2070773.
- Lindgren, Charlie, Huq, Asif M, and Carling, Kenneth (2021) "Who are the intended users of CSR reports? Insights from a data-driven approach" *Sustainability 2021*, 13(3), 1070, DOI: 10.3390/su13031070.
- Lindgren, Charlie, Daunfeldt, Sven-Olov, Rudholm, Niklas and Yella, Siril (2020) "Is intertemporal price discrimination the cause of price dispersion in markets with low search costs?", *Applied Economics Letters*, DOI: 10.1080/13504851.2020.1789055.

Papers - Under Revision/Review

- Lindgren, Charlie (2023) "Discontinuities: What is the Value of Having the Lowest Price or Highest Consumer Rating on a Price Comparison Website?" *HFI Working Paper No. 19*. Submitted to *Electronic Commerce Research*.
- Lindgren, Charlie, Daunfeldt, Sven-Olov and Rudholm, Niklas (2023) "Pricing in Retail Markets with Low Search Costs: Evidence from a Price Comparison Website" *HFI Working Paper No. 18*. Submitted to *Journal of Internet Commerce*.

Reports - Published

- Rudholm, Niklas, Carling, Kenneth and Lindgren, Charlie (2024) "Gör prisjämförelsesidor handeln mer konjunkturkänslig?" Handelsrådets Forskningsrapport 2024:2.
- Rudholm, Niklas, Daunfeldt, Sven-Olov, Lindgren, Charlie, Li, Yujiao and Yella, Siril (2021) "Jakten på det lägsta priset – hur påverkas handeln av prisjämförelsesidor på nätet?" Handelsrådets Forskningsrapport 2021:4.
- Rudholm, Niklas and Lindgren, Charlie (2019) "Prisspridning på e-handelsmarknader med låga sökkostnader" Konkurrensverket, Uppdragsforskning 2019:1.

- CONFERENCES**
- [2025] "31st Recent Advances in Retailing and Consumer Science Conference"
Zagreb, Croatia, Upcoming
 - [2024] "9th Nordic Retail and Wholesale Association Conference"
Helsingborg, Sweden, 05 Nov 2024 – 07 Nov 2024
 - [2024] "2024 EURO Association of European Operational Research Societies Conference"
Copenhagen, Denmark, 29 Jun 2024 – 03 Jul 2024
 - [2023] "2023 29th Recent Advances in Retailing and Consumer Science Conference"
Lyon, France, 24 Jul 2023 – 27 Jul 2023
 - [2022] "2022 Annual SNEE Conference"
Lund, Sweden, 24 Nov 2022
 - [2022] "Global Experts Conference on Applied Science, Engineering, and Technology"
Online, 28 Jul 2022 – 30 Jul 2022
 - [2022] "28th Recent Advances in Retailing and Consumer Science Conference"
Baveno, Italy, 23 Jul 2022 – 26 Jul 2022
 - [2021] "7th Nordic Retail and Wholesale Association Conference"
Umeå, Sweden, 9 Nov 2021 – 11 Nov 2021
 - [2020] "7th International Conference on Soft Computing & Machine Intelligence (ISCMi)"
Stockholm, Sweden (Online), 14 Nov 2020 – 15 Nov 2020
 - [2019] "30th European Conferences on Operational Research"
Dublin, Ireland, 23 Jun 2019 – 26 Jun 2019
 - [2018] "6th Nordic Retail and Wholesale Association Conference"
Reykjavik, Island, 8 Nov 2018 – 9 Nov 2018
 - [2016] "5th Nordic Retail and Wholesale Association Conference"
Aarhus, Denmark, 9 Nov 2016 – 10 Nov 2016

GRANTS

- STINT Teaching Sabbatical,
Swedish Foundation for International Cooperation in Research and Higher Education
(Swedish: Stiftelsen för internationalisering av högre utbildning och forskning, STINT),
Funding: 550 000 SEK
Role: STINT Teaching Sabbatical Fellow Aug 2025 – Dec 2025
- Hur påverkar algoritmprissättning sannolikheten för prissamordningar?,
Swedish Competition Authority,
Principal Investigator: Prof. Niklas Rudholm

- Funding: 2 500 000 SEK
Role: Participant/Analysis Jan 2023 – Dec 2025
- Kan algoritmprissättning öka handelns lönsamhet?,
Hakon Swenson Foundation,
Principal Investigator: Prof. Niklas Rudholm
Funding: 2 363 600 SEK
Role: Participant/Analysis Jan 2023 – Dec 2025
 - Gör prisjämförelsesidor handeln mer konjunkturkänslig?,
Forskning relevant för handelsnäringsen 2020,
The Swedish Retail and Wholesale Council,
Principal Investigator: Prof. Niklas Rudholm
Funding: 2 000 000 SEK
Role: Participant/Analysis Jan 2021 – Dec 2022
 - Jakten på det lägsta priset – hur påverkas handeln av prisjämförelsesidor på nätet?,
Forskning relevant för handelsnäringsen 2018,
The Swedish Retail and Wholesale Council,
Principal Investigator: Prof. Niklas Rudholm
Funding: 2 000 000 SEK
Role: Participant/Analysis Jan 2019 – Dec 2020

EDUCATION

Dalarna University, Falun, Dalarna, Sweden

- Ph.D., Microdata Analysis, Publicly Defended Jun 2021 Sep 2015 – Jun 2021
 - Project: Voluntary Information Sharing, Retail Pricing, and Firm Performance.
 - Supervisors: Associate Prof. Siril Yella, Prof. Niklas Rudholm and Prof. Johan Håkansson with collaboration from Prof. Sven-Olov Daunfeldt at HFI Stockholm.
 - Focus: Pricing, Information, Statistical Analysis, CSR, Big Data.
- Ph.D. Advanced Level Off-Campus Courses Jul 2017 – Jan 2018
 - “Past, Present and Future of Retail Research”,
CFR Research School in Retailing,
Stockholm, Sweden, 8 Jan 2018 – 11 Jan 2018
 - “Collecting and Analyzing Big Data”,
Oslo Summer School in Comparative Social Science Studies,
Oslo, Norway, 31 Jul 2017 – 4 Aug 2017
- Ph.D. Advanced Level Campus Courses Sep 2015 – Jan 2017
 - Complexity and Approximations
 - Statistical Modelling and Inference
 - Introduction to Artificial Neural Networks
 - Statistical Computing with R
 - Advanced Microeconomics
 - Data Collection and Quality

Umeå University, Umeå, Västerbotten, Sweden

- M.Sc. in Business and Economics (Civilekonom) Sep 2009 – Jul 2014
- M.Sc. in Economics (1 year) Sep 2009 – Jul 2014
 - Thesis: Multivariate Approaches for Value-at-Risk and Expected Shortfall on Electricity Forwards.
 - Adviser: Prof. Kurt Brännäs, Department of Economics.
 - Focus: Additional financing by Skellefteå Kraft AB to further enhance their knowledge regarding electricity forwards multivariate risk management in portfolios.
- B.Sc. in Statistics Sep 2009 – Jul 2013
- B.Sc. in Economics Sep 2009 – Jul 2013
 - Thesis: Value-at-Risk on the Nordic electricity market - A simulation and comparison study.
 - Adviser: Anders Lundquist, Department of Statistics.

- Focus: Written in close collaboration with Swedish electricity company Skellefteå Kraft AB with focus on risk management of electricity prices through time series analysis.
- Engineering calculus and advanced course in differential equations Jan 2011 – Dec 2012
 - Studies were conducted simultaneously with planned studies in Master in Business and Economics as well as Statistics and Economics bachelor programs.

Dragonskolan, Umeå, Västerbotten, Sweden

- Umeå Technical Program Engineering specialization Sep 2002 – Jun 2005
 - Unique education with connections to local firms, the year of attaining the degree this program was given the title "Swedens Best Technical Program" by the technical firms of northern Sweden.

TEACHING

Dalarna University, Borlänge, Dalarna, Sweden

Completed PhD supervision course (*Örebro University, certificate provided on request*)

Completed Learning and Teaching in Higher Education I and II (*i.e., BHU I and BHU II*)

2025

- Supervision in Informatics *bachelor level* Spring 2025
- Applied Big Data & Cloud Computing *assistant teacher* Spring 2025
- Python & R Programming *assistant teacher* Spring 2025

2024

- Cryptography *assistant teacher* Fall 2024
- Component-based Web Design *course responsible* Fall 2024
- Python & R Programming *course responsible* Fall 2024
- Enterprise Architecture and Database Programming *course responsible* Spring 2024
 - As part of teaching at Jiangxi University of Finance and Economics in Nanchang, China
- Python & R Programming *assistant teacher* Spring 2024
- Python & R Programming *assistant teacher* Spring 2024
- Supervision in Informatics *bachelor level* Spring 2024
- Applied Big Data & Cloud Computing *assistant teacher* Spring 2024

2023

- Supervision in Microdata Analysis *master student level* Fall 2023
- Python & R Programming *course responsible* Fall 2023
- Cryptography *assistant teacher* Fall 2023
- Supervision in Microdata Analysis *master student level* Spring 2023
- Python & R Programming *assistant teacher* Spring 2023
- Supervision in Informatics *bachelor level* Spring 2023
- Applied Big Data & Cloud Computing *assistant teacher* Spring 2023

2022

- Python & R Programming *course responsible* Fall 2022
- Cryptography *assistant teacher* Fall 2022
- Supervision in Informatics *bachelor level* Spring 2022
- Applied Big Data & Cloud Computing *assistant teacher* Spring 2022
- Python & R Programming *assistant teacher* Spring 2022

2021

▪ Python & R Programming	<i>course responsible</i>	Fall 2021
▪ Cryptography	<i>assistant teacher</i>	Fall 2021
▪ Object-Oriented Design & Problem-Solving	<i>assistant teacher</i>	Fall 2021
▪ Supervision in Microdata Analysis	<i>master student level</i>	Fall 2021
▪ Research Methodology	<i>assistant teacher</i>	Spring 2021
▪ Data Analysis & Visualization	<i>assistant teacher</i>	Spring 2021
▪ Python & R Programming	<i>assistant teacher</i>	Spring 2021
▪ Supervision in Microdata Analysis	<i>master student level</i>	Spring 2021
▪ Introductory Microeconomics - Distance	<i>course responsible</i>	Spring 2021

2019

▪ Introductory Microeconomics	<i>course responsible</i>	Fall 2019
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2018

▪ Introductory Microeconomics	<i>course responsible</i>	Fall 2018
▪ Tourism Economics I - Microeconomics	<i>course responsible</i>	Fall 2018

2017

▪ Introductory Microeconomics	<i>course responsible</i>	Fall 2017
▪ Mathematics for Civil Planning and Construction	<i>programming lab classes</i>	Spring 2017
▪ Tourism Economics I - Microeconomics	<i>assistant teacher</i>	Spring 2017

2016

▪ Introductory Microeconomics	<i>assistant teacher</i>	Fall 2016
▪ Financial Markets and Monetary Policy	<i>assistant teacher</i>	Fall 2016

OTHER MERITS

▪ Chairman of the Review Panel on Education and Study Plans (Swedish: Utskott för Kurs- och Utbildningsplaner, UKU, tidigare BKU), Dalarna University, Falun, Sweden.		Feb 2025 –
▪ Member of the Evaluation Committee for Education (Swedish: Utskott för Utvärdering av Utbildningar, UUU), Dalarna University, Falun, Sweden.		Nov 2024 –
▪ Deputy Board Member for the Housing Cooperative BRF Bergsmannen Mindre 10 (Swedish: Suppleant till Styrelsen Bostadsrättsföreningen BRF Bergsmannen Mindre 10), Stockholm, Sweden.		May 2024 – Mar 2025
▪ Member of the Review Panel on Education and Study Plans (Swedish: Beredningsgrupp för Kurs- och Utbildningsplaner, BKU), Dalarna University, Falun, Sweden.		Feb 2023 – Feb 2025
▪ Member of the Education Committee (Swedish: Institutionens Utbildningsutskott, IUU), Dalarna University, Falun, Sweden.		Oct 2021 – Dec 2022
▪ Ph.D Representative at the Research and Education Board (Swedish: Forsknings- och Utbildningsnämnden, FUN), Dalarna University, Falun, Sweden.		Oct 2019 – Dec 2020
▪ Ph.D Representative at the Research and Education Council (Swedish: Forsknings- och Utbildningsrådet, FUR), Dalarna University, Falun, Sweden.		Mar 2019 – Jan 2020

SKILLS

LaTeX, Python, R, MATLAB, SQL, JavaScript, HTML, CSS, Bootstrap, Ruby, LaTeX, STATA, C, Machine Learning, Time Series Analysis, Big Data Analytics, Econometric Modeling, Monte Carlo Simulations, Experimental Design, Bayesian Statistics, Multivariate Statistics, Microdata Analysis, Retail Market Analysis, Competitive Market Analysis, Algorithmic Pricing, Game Theory, Discontinuity Analysis, Policy Impact Assessment, Causal Inference, University-Level Teaching, Curriculum Development, Supervision of Master's Students, International Teaching Experience, Jupyter Notebook, RStudio, SPSS, Power BI, Tableau, Git, GitHub, Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Google Analytics, AWS, Google Cloud Platform, Journal Paper Writing, Grant Writing, Report Writing, Peer Review, Science Communication, E-commerce, Retail Economics, Algorithmic Trading, Financial Markets, Supply Chain Optimization, Corporate Social Responsibility, Competition Policy, Digital Transformation, Business Intelligence, Consumer Psychology, Behavioral Economics, Conference Presentations, Public Speaking, Podcast Appearances, Networking, Science Outreach, Media Communication.

LANGUAGES

- Swedish: Native language.
- English: Fluent (speaking, reading, writing).