

# Academic Resumé - Andreas Ulfsten

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Department of Accounting, Auditing and Law  
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## RESEARCH STATEMENT

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My research interests are mainly in the intersection between accounting and information systems (IS). I aim to study the complex relationship between accounting and information technology, specifically what happens as accounting increasingly is intertwined with the digital in organizations and society. I am currently particularly interested in what happens to managerial accounting and control in a world of big data. My favored approach is qualitative analysis with attention to both localized practices of accounting in action and societal structures.

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## DISSERTATION

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### Management Accounting and Big Data: Sociomaterial practices

The aim of my dissertation is to investigate the interrelationship between big data and management accounting and control. By doing so I hope to extend our understanding of how accounting is elaborated or changed in an increasingly digital world. My empirical site is EnergyCo, a global energy company operating mainly within the petroleum industry. EnergyCo has an ambition of becoming a digital leader in the industry and has invested substantially in developing a digital infrastructure for 'extracting value' from big data. The empirical focal point is the maintenance operation that aims to utilize big data to move towards condition-based maintenance of oilrigs. I employ qualitative methods in researching this complex interrelationship between people, technologies, and discourse.

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## EDUCATION/ACADEMIC CAREER

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Aug 2018 – Present	<b>Norwegian School of Economics (NHH), Norway</b> PhD Scholar, Management Accounting, Department of Accounting, Auditing and Law Supervisor: Professor Katarina Kaarbøe. Co-supervisor: Professor Bino Catasús	GPA: 5.00
Aug 2020 – Dec 2020	<b>London School of Economics and Political Science (LSE), UK</b> Visiting Research Student, Department of Accounting (AOI track) Supervisor: Dr Andrea Mennicken, Associate Professor of Accounting	GPA: N/A
Aug 2016 – Jul 2018	<b>Norwegian School of Economics (NHH), Norway</b> Master of Science, Economics and Business administration <ul style="list-style-type: none"><li>Major: Management Accounting and Control</li><li>Master thesis: "Reuse of RPA in Norwegian Municipalities"</li></ul>	GPA: 4.53
Aug 2013 – Jun 2016	<b>Norwegian School of Economics (NHH), Norway</b> Bachelor of Science, Economics and Business Administration	GPA: 3.75

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## COURSEWORK (PhD)

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Research Designs and Methodological Choices	5 ECTS
Research Designs and Methodological Choices: Research Proposal (Accounting track)	2,5 ECTS
Scientific Methods: Research Design and Methodological Choices for Accounting and Business and Management Science	5 ECTS
Research Ethics for the Social Sciences	2,5 ECTS
Academic Writing in a Research Setting	2,5 ECTS
EDEN Doctoral Seminar on Producing and Evaluating Knowledge in Management Accounting	4 ECTS
EDEN Doctoral Seminar on Qualitative Research in Accounting	5 ECTS
Theoretical Foundations of Information Systems	10 ECTS
Machine Learning with R - Introduction	4 ECTS
Digitalization and Accounting	5 ECTS
Pedagogy Course: Basic Module 2 - Assessments	-
<b>SUM</b>	<b>45,5 ECTS</b>

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## TEACHING PORTFOLIO

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### Bachelor level

- 2019 Guest Lecturer – Digital Business, NHH (Elective, 30-50 students)**  
Lectures about the concepts and practical use of machine learning tools  
Student rating: 4.35/5.00

### Master level

- 2021 Course Responsible/Lecturer – Management Accounting and Control in the Digital Age, NHH (Elective)**  
Substantial involvement in development and teaching of advanced course on management control practices in a digital age. Scheduled to run annually from spring semester 2022.  
Student rating: N/A
- 2019-2020 Teaching Assistant – Artificial Intelligence and Robotization, NHH (Elective, 50 students)**  
Responsible for practical aspects of course and communication with students  
Student rating: N/A
- 2019 Guest Lecturer – Digitalization, NHH (Elective, 80-100 students)**  
Lectures about the concepts and practical use of machine learning tools  
Student rating: N/A

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## SUPERVISION

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- 2019** Bjelland, S., Drange, H. *“Understanding Responsible Artificial Intelligence: A case study on the considerations to be made and how they can be addressed”*  
(Co-supervised with Prof. Katarina Kaarbøe)
- Tandberg, J., Morken, E. *“Benefits realized, or more coffee consumed? How benefits from digitalization and RPA projects are realized in Norwegian municipalities”*
- Gustavsen, J. R., Wetteland, J. M. *“Extracting Value from Lightweight IT – A New Approach to Benefits Management? A case study of the implications lightweight IT has on benefits management”*
- 2020** Sandvik, K., Minge, S. *“The impact of digitalization on frontline employees: An empirical study of the boundary spanner role in a digital setting”*
- Nyhus, M. F., Rønningen, N. F. *“Digital transformation: A case study for understanding digital transformation in an organization in the Norwegian media industry”*
- 2021** Granberg, P. M., Hjelset, H. *“Utilization of Big Data in management control: A case study of the utilities agency in Bergen municipality”*

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## WORKING PAPERS

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- Ulfsten, A., Catasús, B., Kaarbøe, K. *“The dream of Big Data: Performativity and repair of new technology”*  
Presented at EAA 2021
- Ulfsten, A., Kempton, A. M. *“Knowledge gained, knowledge lost? Digital transformation of machine maintenance in a multinational energy company”*  
Under review in Journal of Information Technology
- Ulfsten, A. *“Concealed pathways linking spaces of action: A case study of mediation between financial and safety risk in offshore maintenance”*  
Accepted for presentation at Nordic Accounting Conference, Copenhagen Business School
- Danilova et al. *“Explaining individual job performance in work from home (WFH) arrangements”*  
Major revision in Information Technology and People

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## PRESENTATIONS

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- 2021** Alliance Manchester Business School  
*Presentation in Research Seminar at Accounting and Finance Division (scheduled 03.11.21)*

- 2021 WHU – Otto Beisheim School of Management  
*Presentation in accounting and digitalization workshop at Institute of Management Accounting and Control by invitation from prof. Utz Schäffer*
- 2021 EAA 2021 Virtual Conference  
*Research Forum Sessions, Accounting and Information Systems track*
- 2021 London School of Economics  
*Presentation in AC500 seminar at Department of Accounting*
- 2021 Stockholm University  
*MUSICA Seminar Series, Accounting Research Group*
- 2021 ACMAR Doctoral Colloquium
- 2020 37<sup>th</sup> FIBE Conference NHH  
*Parallel sessions*
- 2019 36<sup>th</sup> FIBE Conference NHH  
*Doctoral colloquium*

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#### NON-ACADEMIC PUBLICATIONS

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- 2020 The machine does not always know best  
*Op-ed in Dagens Næringsliv, largest Norwegian business newspaper.*
- 2020 The pandemic shows that leaders must be critical to analyses  
*Op-ed in Forskning.no, renowned online newspaper for research dissemination.*
- 2020 The magic tricks of the tech-giants – do they survive daylight?  
*Op-ed in Dagens Næringsliv.*
- 2018 Too much independence  
*Article in Stat og Styling (State and Government), non-peer reviewed journal for Norwegian public sector. (co-authored with prof. Jon Iden)*
- 2018 Robotization in Norwegian Municipalities  
*Op-ed in Dagens Næringsliv. (co-authored with prof. Jon Iden)*

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#### NON-ACADEMIC PRESENTATIONS

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- 2021 What is important knowledge in the digital age? (video of presentation found [here](#))  
*Popularized presentation of findings from my dissertation at the Christie conference, the University of Bergen's annual conference for research dissemination.*
- 2019 Reuse of RPA in public sector  
*Presentation of research findings at conference for The National Archives of Norway, Norwegian Society of Records Managers and Archivists and The Norwegian Association of Archives*
- 2019 Reuse of RPA in public sector  
*Presentation of research findings at practitioner conference arranged by leading Nordic digital services and software company TietoEvry.*

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#### SCHOLARSHIPS

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- 2020 Sverre Kristoffersens minnefond for Econa-medlemmer (10 000 NOK)

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#### OTHER RELEVANT WORK EXPERIENCE

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- Oct 2019                    **Analytics Intern, Equinor**  
Provided analysis and assessment of analytics tools implementation
- Jun 2017 – Aug 2017    **Operations Intern, Berkeley Search Consultants**  
Implemented Google Analytics and re-developed and re-designed website
- Oct 2013 – Aug 2017    **Financial Assistant, Salt Bergen**

20% position responsible for daily operations and reporting to CFO

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**OTHER SKILLS**

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**Language:** **English**  
**Level:** High oral and written

**Norwegian**  
High oral and written

**Spanish**  
Moderate oral and written