Ellen van 't Klooster | CV

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Experience

Utrecht School of Economics **Amsterdam**
PhD student *2020 - Current*
The research focuses on market power of tech firms, the way they compete and the associated consequences.

SEO Amsterdam Economics **Amsterdam**
Student assistant, researcher *2018 - 2020*
As a student assistant I performed statistical analyses and desk research. In 2019 I started as a full-time researcher in the Competition and Innovation practice. I specialized in digital economics and firm competition, using data analysis, econometric analyses, web scraping, language processing, and qualitative methods.

Young Advisory Group **Amsterdam**
Consultant *2016 - 2018*
As consultant and co-owner at the Young Advisory Group, I helped a variety of companies make strategic decisions. I managed a project for Ahold Delhaize and was responsible for the finances of YAG Amsterdam.

Education

Research Master Multidisciplinary Economics **Utrecht**
Utrecht University *2017 - 2019*
The first year entails a fixed program. The courses provided thorough knowledge of all economic subdisciplines. In the second year I followed courses concerning macroeconomics, (economic) modelling and quantitative methods.

Minor Computer Programming **Amsterdam**
University of Amsterdam *2016 - 2017*
I completed the track "Data Processing", with projects in C, Python, JavaScript, SQL, CSS, and HTML. Courses: Programming I, Programming II, Data processing, Programming theory, Programming project.

BSc Bèta-gamma (major Economics) **Amsterdam**
University of Amsterdam *2012 - 2016*
Courses from the major are combined with interdisciplinary courses, that have a scientific and social focus.

Minor "Environnement et Développement Durable" **Marseille**
École Centrale de Marseille (engineering school) *2016*
Half-year track, in French, on sustainable development and understanding and developing technical solutions.

Languages and certificates

English: Fluent - *International Baccalaureate – higher level*

French: Professional working proficiency - *Diploma DALF C1*

Dear Sir, Madam,

With this letter I would like to state my motivation to participate in the "*Doctoral Student Workshop on Economics of Artificial Intelligence*" this September. The workshop theme is especially relevant to my research area, and I would highly appreciate to be given an opportunity to attend this workshop gathering professional leading scholars and doctoral students.

My interest in AI began during my Bachelor's degree. I decided to follow a Minor in Computer Programming, to learn to program and to be acquainted with more advanced algorithms.

From my Master's degree onwards, I also developed an interest in AI from the point of view of economic research. I have attended and contributed to meetings on algorithmic pricing, and on how AI will impact innovation and the economy in general. My master's thesis and first research project as a doctoral student at Utrecht University were on the market power of IT firms. In this project, I implemented text-mining and natural language processing algorithms, namely word2vec, TF-IDF and BERT.

In my next project, I will research what role data plays in market power of IT firms. Understanding the role of data requires knowledge of the economics of AI and the algorithms that IT firms use. I have already spoken to people in the field of dynamic pricing and other AI related topics, and follow the economic literature on AI. Attending this workshop will contribute to my knowledge on the economics of AI.

Additionally, I would love to get the opportunity to interact with leading scholars and other doctoral students, who are willing to share their knowledge on this topic, so that I can learn and also pass on my knowledge.

Sincerely,

Ellen van 't Klooster