Fatih Uenal

Data Scientist & Senior Researcher

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Profiles

Skills

Programming:

R	● ● ● ● ○
Python	● ● ● ○ ○
SQL	● ● ● ● ○
Github	● ● ● ● ○
Docker	● ● ● ● ○

Data Science:

Machine Learning	● ● ● ● ○
NLP	● ● ● ● ○
Time-Series Analysis	● ● ● ● ○
Shiny	● ● ● ● ○

Tools/Libraries:

caret	● ● ● ● ●
scikit-learn	● ● ● ● ○
Pytorch	● ● ● ● ○
Tensorflow	● ● ● ○ ○
Keras	● ● ○ ○ ○

Languages

German (Mother Tongue)

Turkish (Mother Tongue)

English (C1)

French (B1)

Hobbies

Jogging, Yoga, Travelling, Science-Fiction

Professional Experience

Feb, 2021 – ongoing — **Data Scientist** **Fossil Fuel Non-Proliferation Initiative (FFNPT), UK**
Data Science for the FFNPT Initiative. Programmed and deployed an interactive online app, The Fossil-Fuel Policy Tracker. The app uses shiny, web-scraping and an NLP pipeline to automatically identify, filter, and visualize relevant policies globally. A blog post describing the app can be found here. A video describing the NLP pipeline (conference at the University of Oxford) can be found here.

Oct, 2021 – ongoing — **Senior Researcher** **University of Geneva, Switzerland**
At the University of Geneva, I experimentally investigate evidenced-based climate change communication strategies to facilitate increased pro-environmental behaviors. To this end, I am developing and experimentally evaluating different behavioral intervention methods aimed at sustainable behavior change. My work is undertaken cooperatively with high-quality video content creators.

Oct, 2019 – Sep, 2021 — **Postdoctoral Research Associate** **University of Cambridge, UK**
At the University of Cambridge, I conducted research using Machine learning on climate change perceptions and behaviors (N > 100000). Moreover, I worked on a project developing and evaluating online misinformation techniques in social media published in Big Data & Society.

Aug, 2016 – Jul, 2018 — **Postdoctoral Fellow** **Harvard University, USA**
At Harvard University, I conducted social psychological experiments on the effects of climate change, automation, and immigration on inter-group relations and environmental behavior.

Education

Postgraduate Studies

Feb, 2021 – Apr, 2021 — **Data Science Fellowship** **Faculty AI, UK**
Highly competitive intensive course and internship in Data Science: Europe's leading route to hiring elite technical data science talent.

SQL | Supervised learning | Unsupervised learning | Reinforcement learning | NoSQL | Graph databases | Machine Learning | Distributed computing | APIs | Software engineering | Neural networks | Statistics | Probability | Bayes | AI safety | GDPR | Project management | Effective business communication

2014 – 2017 — **Ph.D. in Political Science** **Humboldt University of Berlin, Germany**

Continued Education

April 2021 — **Data Science Professional** **HarvardX, USA**
This comprehensive online course covers concepts such as inference, probability, regression, and machine learning and helps develop an essential skill set that includes R programming, data wrangling with dplyr, data visualization with ggplot2, file organization with Unix/Linux, version control with git and GitHub, and reproducible document preparation with RStudio. Certificate

July 2020 — **Machine Learning** **HarvardX, USA**
This comprehensive online course covers concepts within machine learning and includes building recommendation and classification systems and a full-stack capstone project. Certificate

May 2016 — **Measuring causal effects in social sciences** **University of Copenhagen, Denmark**
This comprehensive online course covers concepts like Randomized Controlled Trials, difference-in-difference and various other research designs allowing for causal inference. Certificate