

# GOKHAN CIFLIKLI, PhD

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## WORK EXPERIENCE

### ATTEST | SENIOR DATA SCIENTIST

London, UK | Aug 2019 – Present

- Developed a novel **sampling framework** optimising 135 panels for respondent allocation w.r.t. time-to-fill, cost of interview, and data quality leading to a **6% bias correction** in Net Promoter Score in brand trackers
- Deployed a **real-time** (median < 300ms) probabilistic fraud detection model (**>85% performance**) for automatically flagging instances of speeding, flatlining, and overclaiming
- Designed Bayesian A/B testing experiments for **behavioural nudges** to reduce inattention resulting in a **8% increase** in truthful answers to control questions
- Introduced the first systematic measurement of data quality metrics for establishing company-wide and cross-functional squad **OKRs**

### QUANTEDA INITIATIVE | SOFTWARE DEVELOPER

London, UK | Aug 2018 – Aug 2019

- Led the successful commercialisation of the popular **R** quantitative text analysis package **Quanteda** (700k total/20k monthly downloads) as a subscription-based web application featuring user authentication and persistent storage
- **Project-managed** 3+ remote software engineers using scrum and agile practices

## AFFILIATIONS

### LSE DATA SCIENCE INSTITUTE | VISITING FELLOW

London, UK | > Sep 2021

- Mentoring recent PhDs and post-docs during their transition to industrial data science
- Giving talks at professionalisation events for data science graduate students

### RESEARCH INSTITUTE OF SWEDEN | RESEARCH SCIENTIST


Remote | Aug 2018 – Aug 2019

- Designed **NLP pipelines in Python** to scale up multi-label annotation of human rights reports using **active and semi-supervised learning**

## EDUCATION

### PHD, LONDON SCHOOL OF ECONOMICS

London, UK | Sep 2014 - Sep 2018

- Founded the **Computational Social Science** student society & designed the website 
- Hosted the first Computational Social Science Hackathon at LSE (17-19 April 2018)

### MSC, UPPSALA UNIVERSITY

Uppsala, SW | Sep 2010 - June 2012

## SKILLS

**Languages:** Python, R (developer); Julia (beginner)

**Libraries:** numpy, pandas, scikit-learn, scipy, statsmodels; tidyverse

**Technologies:** AWS, Dagster, Docker, Git, L<sup>A</sup>T<sub>E</sub>X, MLflow

**Databases:** SQL (PostgreSQL)