

Shiv Yücel

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EDUCATION

University of Oxford, Oxford Internet Institute

MSc, Social Data Science – Distinction

Oxford, United Kingdom

Oct 2020 – Aug 2021

University of Toronto, Trinity College

Hon.BA, Economics Major, Psychology/Politics Minors – CGPA: 3.81/4, Major GPA: 3.87/4

Toronto, Ontario

Sept 2016 – June 2020

EXPERIENCE

Project Manager & Data Scientist

Aug 2021 – present

Data Scientist

Jan 2021 – Aug 2021

Oxford Artificial Intelligence Ltd.

Oxford, England

- Developing novel public health tools to support UK government agencies and national charities
- Analysis of high volume cell-phone mobility and pollution data to study air pollution exposure in the UK
- Developing data analysis pipelines as inputs to a live-updating health and inequality monitor

Research Assistant

Sept 2021-present

University of Oxford

Oxford, England

- Analyzing database of online job advertisements to study geographic distribution of skill demand in the UK

Economics Peer Academic Advisor

Sept 2019 – June 2020

University of Toronto, Trinity College

Toronto, Ontario

- Hosted tutoring sessions to help students prepare for economics examinations and written assignments, and organised meetings with undergraduate students to provide guidance on academic trajectory

Business Analyst | Marketing and Corporate Digitalization

Summer 2019

Bank of Montreal

Toronto, Ontario

- Assisted in large scale cloud migration of company-wide data, and worked with marketing strategists and software engineers to implement AI chatbot

RESEARCH

MSc Thesis | Awarded Distinction

Oct 2020 – present

Assessing Early COVID-19 Lockdown Effectiveness in São Paulo

- Working on manuscript (first author) with Dr. Chico Camargo, Dr. Rafael Pereira, and Dr. Pedro Peixoto
- Analyzing cell-phone mobility and traffic data to model COVID-19 and assess policy impacts in São Paulo
- Understand how demographic factors (eg. race, income) interact with mobility and COVID-19 transmission

Conference Presentation | Unlocking the Potential of Artificial Intelligence for English Law

Sept 2021

- Demonstrated live-updating monitor of technological skill demand in the UK labor market for United Kingdom Research and Innovation policy tool

Rapid Evidence Paper | UK Independent Scientific Pandemic Insights Group on Behaviours

March 2021

- Co-authored emergency policy paper on behalf of the UK Independent Scientific Pandemic Insights Group on Behaviours (SPI-B), informing the UK Scientific Advisory Group for Emergencies
- Investigating the relationship between vaccination status and mobility behaviors using cell phone mobility data

Poster Presentation | Trinity College Undergraduate Research Conference

March 2020

- Presented empirical research on relationship between health outcomes and mobility patterns among nomadic Aboriginals in 19th century.

AWARDS & ACHIEVEMENTS

2016-2021

- Distinction on MSc Course and Thesis, Oxford Internet Institute, University of Oxford
- Dean's List Scholar x 3, University of Toronto | The Drew Thompson Scholarship, University of Toronto
- IBM Professional Data Science Certificate | The Chancellor's Scholarships, University of Toronto
- Marion P. Osler Scholarship, University of Toronto | Trinity College Board of Stewards
- Full 42.2km Marathon x 2, Toronto

SKILLS

Python (pandas, numpy, sklearn, geopandas, etc.), R, analytical writing, statistics, mathematics, spatial data science