Liam Tollinton

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Education

King's College London
Master of Science in Urban Informatics (Expected: Distinction)   *Sep 2018 to Aug 2019*
- **Course content:** Data mining & machine learning, network data analysis, spatial data analysis, data visualization, natural language processing and intro computer programming.
- **Languages, packages & software:** Python, NumPy, pandas, scikit-learn, geopandas, basic R, Gephi and Tableau.
- **Coursework:** Assessing scale of Twitter bot activity in Brexit discourse; understanding patterns in edits to MP Wikipedia pages and comparing spatial distribution of Airbnbs and hotels in Edinburgh.
- **Dissertation:** Predicting conveyance outcomes from coded and free text ambulance call data.

The University of York
Bachelor of Science (Honours) in Economics (Upper second class)   *Oct 2011 to Jun 2014*
- **Course content:** Microeconomics, macroeconomics, econometrics, cost-benefit analysis, economic policy, development and economic history.

Relevant professional experience

Ove Arup & Partners
Cities & transport economist   *Sep 2016 to Aug 2018*
- **Spreadsheet modelling:** Built economic and financial models for schemes, such as the proposed Cardiff Parkway railway station and the University of Bristol's new city centre campus.
- **Socio economic analysis:** Produced impact assessments for Environmental Statements.
- **Presenting:** Presented economic analysis to non-technical audiences including project clients.
- **Line managing:** Mentored summer intern and gave extensive training in Excel.
- **Multidisciplinary working:** Worked with engineers and transport planners among others.
- **Bid writing:** Collated bid collateral and produced work scope for train test facility scheme tender.
- **Public Inquiry support:** Was deputy to chief economist for M4 relief road scheme in Wales.
- **Community engagement:** Co-ordinated activities for office-wide year 10 work experience week.

Foreign & Commonwealth Office
Placement year economist   *Jul 2014 to Jun 2015*
- **Briefing:** Produced reporting for ministers on the Asia-Pacific economy and world trade.
- **Knowledge sharing**: Assisted embassies with using economic data and produced Diplomatic Academy training material covering the balance of payments and trade.
- **Organisation:** Planned and attended OECD trade statistics visit for cross-Whitehall delegation.
- **Communication:** Worked in Crisis Centre, assisting nationals caught up in Nepal earthquake.

Joseph Rowntree Foundation
Summer intern analyst   *Jul 2013 to Sep 2013*
- **Sourcing data:** Collated poverty data from sources such as the Office for National Statistics.
- **Visualization**: Produced interactive charts using Google Fusion for first version of JRF Data.

Other work and interests

- **Gap year:** Volunteer English teacher in Chile (3 months), bar tender in Bolivia (2 months) and hostel receptionist in Rio de Janeiro (1 month). *2015-2016.* Competent in Spanish.
- **Stewarding:** Worked part-time in media zone of new Tottenham Hotspur Stadium and previously stewarded at London 2012 Olympics. Regularly marshal at running events.
- **Sports:** Running, cycling and swimming. Completed marathon, half ironman and currently training for 5km swim.