Konstantin Klemmer
PhD student in Urban Informatics & Data Science
University of Warwick & The Alan Turing Institute,
London, United Kingdom
www.konstantinklemmer.github.io – k.klemmer@warwick.ac.uk

Education

Alan Turing Institute, London, United Kingdom	10/2018 – 09/2019

- Enrichment Student (Visiting PhD student)

Center for Urban Science + Progress, New York University, Brooklyn, NY, USA	07/2018 – 08/2018

- Visiting PhD student
- Emphasis: Urban crime modelling
- Supervision: Professor Daniel Neill

EPSRC Centre for Doctoral Training – Urban Science & Progress, University of Warwick, Coventry, United Kingdom	10/2017 – 09/2021

- Urban Science, MPhil/PhD
- Emphasis: Uncovering interaction patterns between mobility services, the built environment and social structures in an urban setting
- Supervision: Professor Stephen Jarvis

Imperial College London and University College London, London, United Kingdom	10/2016 – 09/2017

- Transport and Business Management, MSc with Distinction (grade: 72/100)
- Emphasis: Quantitative methods and statistics, transport modelling
- Thesis: *Isolating the effect of cycling on local business environments in cities (74/100)*

Albert-Ludwigs-University, Freiburg, Germany	10/2012 – 02/2016

- Economics, BSc (grade: 1.6, ranked 4th out of 74 in class)
- Emphasis: Data analytics, economic policy
- Thesis: *Exploring the spatio-temporal dynamics of carsharing utilization: A case study from Amsterdam* (1.0)

Gymnasium Grafing (secondary school), Grafing, Germany	09/2003 – 07/2011

- GCE / Abitur
- Intensive courses: German, Mathematics, English, French, Geography

Work experience

Department of Computer Science, University of Warwick, Coventry, UK	10/2017 – present

- Teaching assistant
- Responsibilities: teaching and group supervision of classes in basic computing, software engineering and data mining

Geospin GmbH, geospatial data analytics startup, Freiburg, Germany	05/2016 – present

- ▪ Student fellow
- ▪ Responsibilities: Data preparation and analysis, developing and implementing a social media strategy, market research and preparation of sales pitches, business development

Chair of Economic Policy and Constitutional Economics (Prof. Dr. Lars P. Feld), University of Freiburg, Germany	05/2014 – 09/2016

- ▪ Student assistant
- ▪ Responsibilities: Research assistance (*econometric modelling, data preparation*), administration of the Chair's website and e-learning modules, event management

Chair of Information Systems Research (Prof. Dr. Dirk Neumann), University of Freiburg, Germany	03/2013 – 04/2016

- ▪ Student assistant and tutor
- ▪ Responsibilities: Research assistance (*data preparation and statistical analysis, data visualization*), teaching programming classes for undergraduate students, administration of e-learning modules

Walter-Eucken-Institute, Freiburg, Germany	03/2014 – 05/2014

- ▪ Intern
- ▪ Responsibilities: Analysis of scientific articles, data processing, preparation of scientific presentations

EVBZ, care centre for people with disabilities, Steinhöring, Germany	09/2011 – 08/2012

- ▪ Voluntary service
- ▪ Responsibilities: Assistance and care for multiply disabled people, carpool supervision, warehousing

Extracurricular activities

Imperial College Data Science Society (ICDSS)	11/2016 – 09/2017

- ▪ Team Talent Development
- ▪ Responsibilities: organising and teaching workshops in R and Python, arrange academic and industry talks, promote data science and its social impacts

Aktionskreis Freiburger Schule (Freiburg school association)	09/2015 – 09/2017

- ▪ Honorary staff member
- ▪ Responsibilities: public relations, social media, event management

Student Union of the Economics Department, University of Freiburg	10/2012 – 09/2016

- ▪ Elected student representative in various committees such as faculty council or student parliament
- ▪ Co-president of the Economics Student Union (*10/2013-10/2015*)
- ▪ Responsibilities: University level politics, leading multiple project groups, organising several events, budget planning, public relations

| Mentoring programme of the Economics Department, University of Freiburg | 10/2014 – 03/2015 |

- Mentor
- Responsibilities: Group supervision for first-semester undergraduate students

Awards and scholarships

| Alan Turing Institute, Enrichment scheme | 10/2018 – 09/2019 |

- Top-up scholarship for visiting students
- Value: £ 5,000 pa.

| EPSRC scholarship | 10/2017 – 09/2021 |

- PhD studentship from the Engineering and Physical Sciences Research Council (https://www.epsrc.ac.uk/)
- Value: covers PhD programme fees

| University of Warwick scholarship | 10/2017 – 09/2021 |

- Stipend from the University to cover living costs and research
- Value: £ 14,553 pa. + research allowance

| e-fellows.net scholarship | 09/2014 – present |

- Awarded for outstanding results in studies and extracurricular activities

Publications

2018

- Klemmer K, Neill D B, Jarvis S A: *Modeling Rape Reporting Delays Using Spatial, Temporal and Social Features* 2018. NIPS Workshop on Decision-Making in the Spatiotemporal Domain. 32nd Conference on Neural Information Processing Systems (NIPS 2018), Montreal, Canada.

- Munoz-Mendez F, Klemmer K, Han K, Jarvis S A: *Community structures, interactions and dynamics in London's bicycle sharing network* 2018. 7th International Workshop on Pervasive Urban Applications, UbiComp '18 ACM International Joint Conference on Pervasive and Ubiquitous Computing. Association for Computing Machinery (ACM).

2017

- Willing C, Klemmer K, Brandt T, Neumann D: *Moving in Time and Space - Location Intelligence for Carsharing Decision Support* 2017. Decision Support Systems, 99, p. 75-85. https://doi.org/10.1016/j.dss.2017.05.005.

2016

- Klemmer K, Willing C, Wagner S, Brandt T: *Explaining Spatio-Temporal Dynamics in Carsharing: A Case Study of Amsterdam* 2016. 22nd Americas Conference on Information Systems (AMCIS 2016), San Diego, CA. https://doi.org/10.13140/RG.2.1.3510.8721

Languages

- German *(native language)*
- English *(business fluent, IELTS academic: 8.0)*
- French *(advanced)*
- Spanish *(basic)*

IT skills

Proficient: R, QGIS, Windows OS, Microsoft Office, LaTeX, PHP, SQL,PostgreSQL, HTML, Biogeme, Python, Linux OS, PostGIS
Basic: SPSS, VBA, JavaScript

Interests

Sports: Handball, skiing and mountaineering
Music: Classical music (piano), electronic music