

Konstantin Klemmer
PhD student in Urban Informatics & Data Science
University of Warwick & The Alan Turing Institute,
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Education

Alan Turing Institute, London, United Kingdom	10/2018 – 09/2019
<ul style="list-style-type: none">▪ Enrichment Student (Visiting PhD student)	

Center for Urban Science + Progress, New York University, Brooklyn, NY, USA	07/2018 – 08/2018
<ul style="list-style-type: none">▪ 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
<ul style="list-style-type: none">▪ 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
<ul style="list-style-type: none">▪ Transport and Business Management, MSc with Distinction (grade: 72/100)▪ Emphasis: Quantitative methods and statistics, transport modelling▪ Thesis: <i>Isolating the effect of cycling on local business environments in cities</i> (74/100)	

Albert-Ludwigs-University, Freiburg, Germany	10/2012 – 02/2016
<ul style="list-style-type: none">▪ Economics, BSc (grade: 1.6, ranked 4th out of 74 in class)▪ Emphasis: Data analytics, economic policy▪ Thesis: <i>Exploring the spatio-temporal dynamics of carsharing utilization: A case study from Amsterdam</i> (1.0)	

Gymnasium Grafing (secondary school), Grafing, Germany	09/2003 – 07/2011
<ul style="list-style-type: none">▪ GCE / Abitur▪ Intensive courses: German, Mathematics, English, French, Geography	

Work experience

Department of Computer Science, University of Warwick, Coventry, UK	10/2017 – present
<ul style="list-style-type: none">▪ Teaching assistant▪ Responsibilities: teaching and group supervision of classes in basic computing, software engineering and data mining	

<p>Geospin GmbH, geospatial data analytics startup, Freiburg, Germany</p> <ul style="list-style-type: none"> ▪ Student fellow ▪ Responsibilities: Data preparation and analysis, developing and implementing a social media strategy, market research and preparation of sales pitches, business development 	05/2016 – present
<p>Chair of Economic Policy and Constitutional Economics (Prof. Dr. Lars P. Feld), University of Freiburg, Germany</p> <ul style="list-style-type: none"> ▪ Student assistant ▪ Responsibilities: Research assistance (<i>econometric modelling, data preparation</i>), administration of the Chair's website and e-learning modules, event management 	05/2014 – 09/2016
<p>Chair of Information Systems Research (Prof. Dr. Dirk Neumann), University of Freiburg, Germany</p> <ul style="list-style-type: none"> ▪ Student assistant and tutor ▪ Responsibilities: Research assistance (<i>data preparation and statistical analysis, data visualization</i>), teaching programming classes for undergraduate students, administration of e-learning modules 	03/2013 – 04/2016
<p>Walter-Eucken-Institute, Freiburg, Germany</p> <ul style="list-style-type: none"> ▪ Intern ▪ Responsibilities: Analysis of scientific articles, data processing, preparation of scientific presentations 	03/2014 – 05/2014
<p>EVZ, care centre for people with disabilities, Steinhöring, Germany</p> <ul style="list-style-type: none"> ▪ Voluntary service ▪ Responsibilities: Assistance and care for multiply disabled people, carpool supervision, warehousing 	09/2011 – 08/2012
Extracurricular activities	
<p>Imperial College Data Science Society (ICDSS)</p> <ul style="list-style-type: none"> ▪ Team Talent Development ▪ Responsibilities: organising and teaching workshops in R and Python, arrange academic and industry talks, promote data science and its social impacts 	11/2016 – 09/2017
<p>Aktionskreis Freiburger Schule (Freiburg school association)</p> <ul style="list-style-type: none"> ▪ Honorary staff member ▪ Responsibilities: public relations, social media, event management 	09/2015 – 09/2017
<p>Student Union of the Economics Department, University of Freiburg</p> <ul style="list-style-type: none"> ▪ Elected student representative in various committees such as faculty council or student parliament ▪ Co-president of the Economics Student Union (<i>10/2013-10/2015</i>) ▪ Responsibilities: University level politics, leading multiple project groups, organising several events, budget planning, public relations 	10/2012 – 09/2016

Mentoring programme of the Economics Department, University of Freiburg	10/2014 – 03/2015
<ul style="list-style-type: none"> ▪ Mentor ▪ Responsibilities: Group supervision for first-semester undergraduate students 	

Awards and scholarships

Alan Turing Institute, Enrichment scheme	10/2018 – 09/2019
<ul style="list-style-type: none"> ▪ Top-up scholarship for visiting students ▪ Value: £ 5,000 pa. 	

EPSRC scholarship	10/2017 – 09/2021
<ul style="list-style-type: none"> ▪ 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
<ul style="list-style-type: none"> ▪ Stipend from the University to cover living costs and research ▪ Value: £ 14,553 pa. + research allowance 	

e-fellows.net scholarship	09/2014 – present
<ul style="list-style-type: none"> ▪ Awarded for outstanding results in studies and extracurricular activities 	

Publications

2018

- Klemmer K, Brandt T, Jarvis S A: *Isolating the Effect of Cycling on Local Business Environments in London* 2018. PLOS ONE, 13(12), e0209090.
<https://doi.org/10.1371/journal.pone.0209090>
- 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).
<https://doi.org/10.1145/3267305.3274156>.

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