

## Konstantin Klemmer

MPhil/PhD student in Urban Informatics & Data Science

University of Warwick, Coventry, United Kingdom

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### Education

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

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Center for Urban Science + Progress, New York University, Brooklyn, NY, USA	07/2018 – 08/2018
<ul style="list-style-type: none"><li>▪ Visiting PhD student</li><li>▪ Emphasis: Urban crime modelling</li><li>▪ Supervision: Professor Daniel Neill</li></ul>	

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EPSRC Centre for Doctoral Training – Urban Science & Progress, University of Warwick, Coventry, United Kingdom	10/2017 – 09/2021
<ul style="list-style-type: none"><li>▪ Urban Science, MPhil/PhD</li><li>▪ Emphasis: Uncovering interaction patterns between mobility services, the built environment and social structures in an urban setting</li><li>▪ Supervision: Professor Stephen Jarvis</li></ul>	

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Imperial College London and University College London, London, United Kingdom	10/2016 – 09/2017
<ul style="list-style-type: none"><li>▪ Transport and Business Management, MSc with Distinction (grade: 72/100)</li><li>▪ Emphasis: Quantitative methods and statistics, transport modelling</li><li>▪ Thesis: <i>Isolating the effect of cycling on local business environments in cities</i> (74/100)</li></ul>	

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

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

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### Work experience

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

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

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

### Awards and scholarships

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

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EPSRC scholarship	10/2017 – 09/2021
<ul style="list-style-type: none"> <li>▪ PhD studentship from the Engineering and Physical Sciences Research Council (<a href="https://www.epsrc.ac.uk/">https://www.epsrc.ac.uk/</a>)</li> <li>▪ Value: covers PhD programme fees</li> </ul>	

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

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

### Publications

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- 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>
- 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>.
- 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).

### Languages

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

### IT skills

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*Proficient:* R, QGIS, Windows OS, Microsoft Office, LaTeX, PHP, SQL, PostgreSQL, HTML, Biogeme, Python, Linux OS, PostGIS

*Basic:* SPSS, VBA, JavaScript

## Interests

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*Sports:* Handball, skiing and mountaineering

*Music:* Classical music (piano), electronic music