

# CURRICULUM VITAE

## BIN JIANG

### PERSONAL DETAILS

Full name Bin Jiang  
Current appointment Professor in GeoInformatics, The Royal Institute of Technology (KTH) Research School, University of Gävle, Sweden

### CONTACT

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### EDUCATION

**PhD**, 01/09/1992 – 23/02/ 1996

Faculty of Geographic Sciences, University of Utrecht, and Department of Geoinformatics, the International Institute for Geo-Information Science and Earth Observation (ITC)  
The Netherlands

PhD Dissertation: “Fuzzy Overlay Analysis and Visualisation in GIS”

**Master of Science**, 01/09/1988 – 30/06/1991

Institute of Geoinformatics, Chinese Academy of Surveying and Mapping, Beijing, China  
M.Sc. Thesis: “Developing a Computer Aided Colour Design System for Map Production”

**Bachelor of Science**, 01/09/1984 – 30/06/1988

Faculty of Land Sciences, Wuhan University, formerly Wuhan Technical University of Surveying and Mapping, Wuhan, China

B.Sc. Thesis: “Generalization of Silver Polygons Developed from Map Overlay”

### CURRENT POSITION

Professor (01/04/2007 – ), Department of Technology and Built Environment, Division of Geomatics, KTH Research School, University of Gävle, Sweden, main responsibility: • Research leader • Courses taught – spatial analysis, GIScience seminar, and time GIS; • supervision of graduate students and research projects; • NordGISci network coordinator; • Hågerstrand project leader.

Docent in Geoinformatics (30/11/2005 – ), Royal Institute of Technology (KTH) in Stockholm, main responsibility: • With this title I have a close tie with the Division of GeoInformatics at KTH in both teaching and research; • I teach the spatial analysis and modelling course for the international Master program in GIS; • I co-supervise some PhD students doing research in agent-based modelling.

### TEACHING AND RESEARCH EXPERIENCE

Assistant Professor (01/02/2006 – 30/09/2008), Department of Land Surveying and Geo-informatics, Hong Kong Polytechnic University (On a leave from the University of Gävle), main responsibility: • Courses taught – Spatial databases, Algorithmic aspects of GIS, Operational procedure of GIS, GIS applications, Spatial analysis, Geoinformation for urban and regional studies, Geomatics project; • Research in GISci or geoinformatics; • Supervision of graduate

students – Hong Zhang, Xintao Liu, Jia Tao, Chengke Liu, Sydney Lap-kun Cheng, Weiping Lu, Yuhua Bai, Finn Hedefalk, Sijian Zhao, Kwok Kin Wai, Cheang I Man, Cheung Man Lai Elaine; • Administrative services (program leader MSc., lab-in-charge, recruitment of self-financed MSc students).

Associate Professor (30/11/2005 – 31/03/2007), Department of Technology and Built Environment, University of Gävle, Sweden (On a leave between 01/02/2006 – 30/09/2008).

Senior Lecturer (01/01/2000 – 29/11/2005), Division of Geomatics, University of Gävle, main responsibility: • Courses developed or taught - Geovisualisation, GIS-organization, GIS-project, Spatial analysis/modelling, GIScience-seminar, Time GIS, and introductory GIT (course leader for the first five courses); • Research projects funded by various sources (principal investigator or co-investigator); • supervised two postdoctoral research fellows - Dr. Wenjun Xie and Dr. Qingyuan Li, and two visiting PhD students - Vit Vasek and Martin Vesely, supervised or co-supervised seven Master students – Pär Liljergren, Yorick Pedersen, Louis-Nicolas d'Avout d'Auerstaedt, Daniel Joye, Oliver Alivier, Pierre-Damien Igau and Sylvain Lacaze, and co-supervising two PhD students - Mehrdad Hadipour, and Jurgita Spuraite.

Senior Research Fellow (01/01/1997 – 31/12/1999), Centre for Advanced Spatial Analysis, University College London. Projects involved and main responsibility: • 'Definition of Town Centre' funded by the UK Department of the Environment (DoE); • 'Virtual Environments for Urban Environments (VENUE)' funded by the UK Joint Information System Committee (JISC) Technology Applications Programme (JTAP) - manager; • 'Virtual Reality Centre for the Built Environment project' funded by the Office of Science and Technology's Foresight Challenge; • 'The Formative Dynamics of Cities', funded by University College London Graduate School Interdisciplinary Initiative Programme - co-investigator; • European Spatial Planning Research Institute Network (ESPRIN: UK) funded by European Commission and the UK Department of the Environment, Transport and the Regions; • Managing the VENUE project; • Teaching GIS and space syntax courses occasionally.

Postdoctoral Research Fellow (24/02/1996 – 31/12/1996), Institute of Geographic Sciences, Free University of Berlin. Project involved: 'Research and Development on Interactive Multimedia System'.

Research Assistant (01/09/1991 – 31/08/ 1992), Chinese Academy of Surveying and Mapping, Beijing, China. Projects involved and main responsibility: • 'Development of National GIS for the State Council' funded by National Bureau of Surveying and Mapping; • 'Computer aided colour mixed system' funded by National Bureau of Surveying and Mapping; • Co-supervising postgraduate students; • Delivering professional training courses in computer cartography and GIS.

Part-time Research Assistant (01/07/1989 – 31/08/1991), Chinese Academy of Surveying and Mapping, Beijing, China. Projects involved and main responsibility: • 'Research on Reproduction of Remote Sensing Images and Quality Control' funded by National Bureau of Surveying and Mapping; • Managing subproject entitled 'Study on Computer Aided Colour Design System (CACD)'.