

Maryam DANESHFAR

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EDUCATION

Present	<p>PhD. Civil Engineering</p> <p>Department of Civil and Building Systems, Civil Engineering Institute, Technical University of Berlin, Berlin, Germany</p> <p>Dissertation topic: Effect of surrounding and environmental data in energy-efficient building renovation</p>
OCT 2016	<p>MSc. Applied Geoinformatics</p> <p>Department of Geoinformatics, University of Salzburg, Salzburg, Austria</p> <p>Master thesis: Transfer of an analysis workflow from ArcGIS to Grass GIS; The case of forest fire risk assessment under drought conditions</p>
MAR 2010	<p>BSc. Civil Engineering – Geomatics and Surveying</p> <p>Faculty of Engineering, University of Tehran, Tehran, Iran</p> <p>Study emphasis: Surveying, Geomatics, Geodesy, Photogrammetry, Remote sensing, GIS, Geosciences, Urban planning</p>

PROFESSIONAL EXPERIENCE

Present	<p>Research Associate</p> <p>Technical University of Berlin, Berlin, Germany</p> <p>'BIM-SPEED', Horizon 2020 project; BIM-based residential building renovation; Involved in the task of integrating surrounding and environment data in BIM and BEM</p>
APR 2016	<p>Front-end Web Developer</p> <p>ORCA Geo services GmbH, Brandenburg an der Havel, Germany</p> <p>Web application development for clients in diverse fields such as agriculture, crop management, plantation management, certification, UAV and photogrammetric data processing</p>
DEC 2010	<p>Research Assistant</p> <p>University of Hohenheim, Stuttgart, Germany</p> <p>Delineation and classification of single trees from aerial imagery and LiDAR data</p> <p>Teaching assistance in the field of GIS and remote sensing</p>

FEB 2014

GIS Analyst

Parsboom Consulting Engineers, Tehran, Iran

Geospatial data management, map drafting, Geospatial analysis

SKILL

Programming Python, JavaScript, Angular
GIS ArcGIS, SDI (GeoServer)
BIM
EnergyPlus

SCEINTIFIC PRESENTATION

JUNE 2020 GIS-based ontology for surrounding buildings to support building renovation.
LDAC2020 - 8th Linked Data in Architecture and Construction Workshop

REFERENCE

Prof. Dr. Timo Hartmann
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