CURRICULUM VITAE

PERSONAL PROFILE

Name:	Sebastian Pauli
Birthday:	October 10, 1987
Nationality:	German
Address:	Feldstr. 1b
	54338 Schweich
	Germany
E-Mail:	mail@sebastianpauli.net
Website:	www.sebastianpauli.net

- **Geoinformatics professional** with advanced knowledge in **geodata processing**, **web mapping technologies**, **relational databases** and **computer graphics**

- Independent developer with in-depth knowledge in **application programming** and **web design**

- Graphics artist with extensive skills in **3D modelling** (architectural / landscape models, object modelling) and **2D image design** (vector drawing, raster image processing)

EXPERIENCE

- **Freelance software developer** specialized in GIS and application development
  Schweich, Germany (July 2014 to present)

- **Geospatial data analyst** with an emphasis on visualization and cartography
  a+a, Luxembourg City, Luxembourg (August 2012 to July 2016)

- Internship in spatial planning, City Planning Office, Trier, Germany (May 2012 to July 2012)

- Data management assistant, Municipal Utilities, Trier, Germany (June 2007 to July 2009)

- Internship in architecture, Wegener Architects, Schweich, Germany (February 2004)

EDUCATION

- **Master of Science Applied Geoinformatics**
  University of Trier, Germany (October 2013 to July 2016)

- **Advanced Education in Urban Planning**
  University of Luxembourg, Luxembourg (October 2012 to August 2013)

- **Bachelor of Science Spatial Planning**
  Technical University of Kaiserslautern, Germany (October 2008 to April 2012)

SKILLS

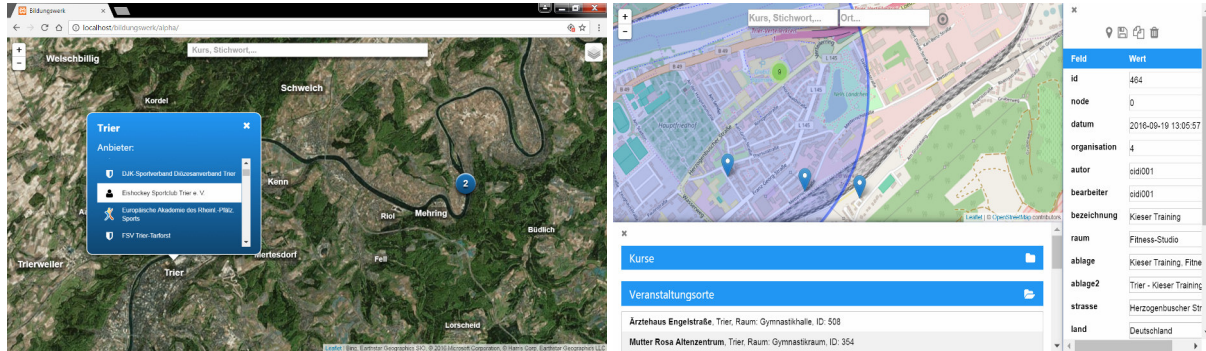|	
Language:	German (native), English (fluent), French (basic)
Programming:	Java, Python, C++, Basic, JavaScript, SQL, PHP, HTML, CSS
Tools:	QGIS, ArcGIS, Inkscape, GIMP, Photoshop, SketchUp, Blender, MeshLab

ACTIVITIES

Hobbies:	Skateboarding, Snowboarding, Hiking, Videogames, Drawing, Cooking

Sebastian Pauli
MSc Applied Geoinformatics
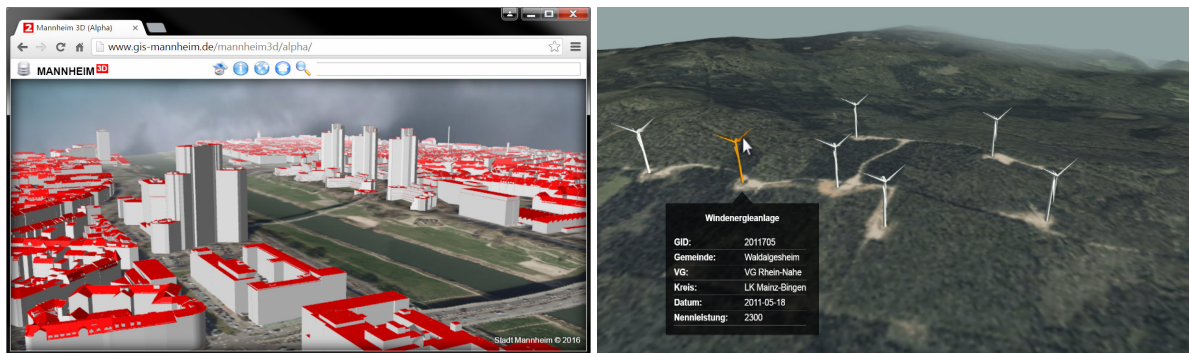mail@sebastianpauli.net

WORK & RESEARCH FOCUS

WEB MAPPING

- Creation of dynamic web mapping applications and geo-portals
- Key technologies: HTML5, JavaScript, Leaflet, OpenLayers, WMS, TMS, WFS, PHP, PostGIS

3D VISUALIZATION

- Implementation of visualization applications for large-scale 3D geodata
- Masters Thesis: Web-Visualization of City-Scale 3D Geodata
- Key technologies: HTML5, WebGL, JavaScript, Three.js, REST, Python, PostGIS, pgpointcloud

OTHER

- Geoprocessing Tools Programming: Raster and Vector Data Processing, Desktop GIS Plugins for QGIS and ArcGIS, Command-Line Tools Development and Scripting
- App Development: Stand-Alone Applications for Desktop and Mobile Systems