

# ZDENEK HYNEK

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## EXPERIENCE

*Front-end developer at LESS RAIN agency  
January 2013 – now*

Mobile development of geolocation apps in Adobe AIR and front-end development of international e-shop website. Work done for Victorinox.

*Front-end developer at SYMBIO DIGITAL agency  
November 2010 – December 2012*

Front-end programming of high profile, award-winning microsites, games, Facebook apps and digital campaigns. Partially responsible for idea generation and concept creation. Work done for T-Mobile, Peugeot, Pilsner Urquell and else. Featured in .net magazine.

*Freelance front-end developer at Geographics.cz  
2007 - now*

Jack of all trades for development of web-based maps, interactive data visualizations and websites. Work done for Masaryk University, Ecole Normale Supérieure de Lyon, Propolice, Scuk.cz.

*Web Developer at Laboratory of Geoinformatics at Masaryk University  
September 2008 – May 2009*

Student internship. Front-end development of geoportals for visualizing and editing spatial data, online purchase, writing transformation templates for metadata server.

*Spatial Analyst at Center For Spatial Analysis, The University of Arizona  
August 2007 – December 2007*

Student internship. Processing of raw data (mainly DEM), raster analysis (mainly Spatial Analyst extension) in ArcMap.

## **AWARDS**

*The FWA Site of the Day Award* from 3th May 2013  
*The FWA Site of the Day Award* from 10th January 2012  
*NACIS Student Web Mapping Competition 2010*, 1st place

## **EDUCATION**

*MSc at Cartography and Geoinformatics from Masaryk University*  
*2006 – 2011*

GPA of 3.8. Sample of classes taken: GIS Science, Spatial analysis, Cartographic modeling, Computer Graphics, Database design and else.

Exchange stays at the University of Arizona and Ecole Normale Supérieure de Lyon.

## **SKILLS**

*Front-end-development:* excellent in ActionScript 3.0, advanced in JavaScript, confident with HTML5/CSS3, experienced with Canvas, SVG and else

*APIs:* very often Google Maps and Facebook API, more than once Foursquare and Twitter API, just once tons of others

*Frameworks:* excellent with jQuery, experienced with Away3d, Flare3d, Box2d and Raphael.js, OpenLayers, and Modest Map. Basics of D3.js and Backbone.js

*Graphics software:* excellent Flash, good PS, intermediate AI, basics of AE. Decent animation skills, some graphic design experience

*GIS software:* professional in ArcGIS, experienced in OpenJump and GeoDa, used MapServer and Geoserver

*Databases:* MySQL, less often PostgreSQL with PostGIS and Microsoft SQL Server

*Back-end-development:* working knowledge of PHP, basics of Python

*Other software:* Microstation, basics of AutoCAD, Microsoft and OpenOffice

## **LANGUAGES**

Born with *Czech*, fluent in *English*, not-so-awkward in *French* and hopelessly ignorant but enthusiastic about *German & Spanish*.