

# Gregor MAJCEN

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Kranj | 20 November 1988  
ADDRESS: Zgornje Duplje 20a, 4203 Duplje, Slovenia  
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E-MAIL: majcn.m@gmail.com  
GITHUB: <http://www.github.com/majcn>

## WORK EXPERIENCE

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| <i>Current</i><br>FEB 2013 | <b>Web developer at PIXI* LABS, Sencur</b><br><b>E-Commerce for B2B and B2C</b><br>Developing closed business application, integrating branching model for mercurial, Bitbucket administrator, creating own hooks to prevent bad documented commits, wrong side merges,...<br>Tools: .NET MVC, JavaScript, SQL, Python, Mercurial, PHP |
| JUL 2012 - SEP 2012        | <b>Intern developer at AVG, San Francisco</b><br>Developing browser extension, server side code to support the extension and agent which constantly fetch data from multiple external sources.<br>Tools: Python, MongoDB, PHP, Git   |
| JUL 2008 - JUL 2012        | <b>Core developer at MADGENIUSES, Trzic</b><br>Developing e-commerce product wit Ghermany.<br>Tools: Delphi, SQL, Python, Mercurial  |

## EDUCATION

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| In progress | <b>Master Degree in COMPUTER SCIENCE, The University of Ljubljana</b><br>Thesis: "Interactive computer-based art installations in times of rapid technological advances" |
| FALL 2011   | <b>Bachelor Degree in COMPUTER SCIENCE, The University of Ljubljana</b><br>Thesis: "Remote control of a mobile platform with a smartphone"                               |
| FALL 2007   | High school at <b>School Centre for Technical Sciences, Kranj</b>  |

## ACHIEVEMENTS

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| APR 2012 | <b>Team ULJUBLJANA</b><br>JRS Data-mining Competition, 1 <sup>st</sup> in the World. {Python, Orange}<br>Journal Article: "Team ULjubljana's Solution to the JRS 2012 Data Mining Competition" |
| FEB 2012 | <b>Team PSYWERX</b><br>First Comtrade Challenge, 1 <sup>st</sup> in Nation. {Android, OpenGL}  |

## LANGUAGES

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SLOVENE	First language
ENGLISH	Fluent
CROATIAN	Passive

## INTERESTS AND ACTIVITIES

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Technology, Open-Source, Programming  
Ballroom dancing, table tennis, table football, longboarding, gaming

## PERSONAL PROJECTS AND COMPUTER SKILLS

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PROJECT EULER	Project Euler is a series of challenging mathematical/computer programming problems. Tools: Python, Haskell
WEATHER WIDGET	Simple Weather single page application made for learning new technologies. Tools: Backbone, Kendo, jQuery, JavaScript
CROSSROAD	Simple android application for helping user to count how many vehicle passed the crossroad. Also supporting export into excel. Tools: Android, Java, Excel
MARIO AGENT	Learning Mario to be smart. Used reinforcement learning with highly modified Q-Learning technique. Tools: Python
IMAGE GALLERY	Web page, which search the whole folder (name is passed by URL parameter) and show all containing images. Simple gallery without any database engine. Tools: PHP, CodeIgniter
PASCAL COMPILER	Pascal compiler written in Java. Made for school purposes. Tools: Java
TURING SIMULATOR	This is a simple Turing machine simulator. Tools: Python
TOO MANY PAPERS	It reads presentation pdf file and cut all white space, resize slide and then save to exported pdf. Used for more economical usage of papers for school purpose. Tools: Qt, C++
LINUX	Arch Linux, Ubuntu, Bash, Zsh, GitLab Server
SCHOOL PROJECTS	There are other projects which were made for school courses, some with teamwork, some individual. Tools: Python, Django, Java, Bash, Matlab, OpenGL,...