

Curriculum vitae

PERSONAL INFORMATION

Mihail Sofeski

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WORK EXPERIENCE

01/02/2015–Present

Software Developer

FX3X, Skopje (North Macedonia)

- Implementation of automatization and optimization tools for production delivery of projects.
- Extending standalone applications to executable tools for their library independence and distribution to 300+ users.
- Automated management of projects between processes in various departments of the company.
- Expert knowledge (5 years of experience) in software development in Python
 - Creation of graphical user interface (GUI) with PySide library usage.
 - Pipeline development, configuration and deployment of workflow processes with [TACTIC](#).
 - Optimization of artistic processes that use CG programs such as Maya, Motion Builder, Nuke etc.
 - JSON data manipulation.
- I have very good knowledge in:
 - Web scraping with Scrapy Framework and BeautifulSoup Python library.
 - Web development, using Django, Flask and Jinja for both.
 - Database Management Systems such as PostgreSQL, SQLite, MySQL.
 - Object-relational mappers such as SQLAlchemy as a Python toolkit and Django ORM.
 - Data analysis and data science with Python libraries such as NumPy, Matplotlib and pandas as an advanced data manipulation tool.
- Currently working on improving my knowledge in:
 - Usages of TensorFlow, additionally with Keras Library for artificial intelligence (AI).
- Using version control systems (GIT).
- Using Linux as an OS.

01/02/2017–30/06/2017

Python Educator

NewMan's Business Accelerator

5 Months of intermediate and advanced Python training program/course.

- Introduction to Django.

EDUCATION AND TRAINING

15/09/2017–Present

Bachelor in Computer Science and Engineering

FON University, Skopje (North Macedonia)

15/09/2010–01/09/2017

University of "St. Cyril and Methodius", Faculty of computer science and engineering, Skopje (North Macedonia)

01/09/2005–10/06/2009

Secondary school

SUGS Josip Broz Tito, Skopje (North Macedonia)

PERSONAL SKILLS

Mother tongue(s) Macedonian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

- Communication skills**
- Very good communication skills and active listening skills.
 - Self-motivated and able to work well both independently and as part of a productive team. I have worked successfully as a part of a group on many projects during these past years, as well as being a team leader for some of those projects.
- Organisational / managerial skills**
- Motivating and multi-tasking abilities needed to meet the required deadlines while maintaining the highest standards.
 - Experience in delegating tasks and managing the team.
 - Motivational and supportive skills gained through mentoring and educating 6 colleagues of mine for programming in Python.
 - Strong analytical skills and good time-management.
- Other skills**
- Sport: actively training CrossFit
 - Hobby: playing computer games
 - Research and improvement of my knowledge in software development.

Driving licence B

ADDITIONAL INFORMATION

- Projects**
- [Baby Monitor](#) – Real time web service for keeping track of a baby's sound and motion, while measuring the temperature and humidity in the same room. Implementation realized with Flask, SocketIO and deployed on Raspberry Pi 2 with Raspbian OS. Additional libraries used are PyAudio, NumPy, OpenCv.
 - [Auto Download Torrents](#) - Python tools for automated download of series from torrent (rarbg.com), as soon as they are available.
 - [Copy Sharpest Pix](#) - Command line tool for extracting the sharpest image from a sequence of images. As an additional library OpenCv is used.
 - [E-Shop scrapping](#) – Automated download tool for articles with description, prices and categorization using Scrapy as an external Python library.
 - [E-Shop web service](#) - Web service (backend) for downloaded articles implemented with Django Framework.
 - [Invoice Organizer](#) – Accounting application for import/export of invoices, using SQLite as a data management system and cx_Freeze library for creation of executable tools.
 - [Jamb](#) – Digital version of the popular game known as Yamb or Yahtzee, the application embraces the overall rules of the traditional game with an additional option for multiple players. Application developed in Python using PySide2, while being extracted as an executable tool to be compatible for every OS, without any additional dependencies.

Please note, the mentioned projects are done in my idle time, with no connection to any work experiences. The links above are from my personal GitHub repository.