VILÉM ZOUHAR

vilem.zouhar@mff.cuni.cz

EDUCATION

Charles University in Prague   2017/18 - Exp. 2019/20
Bsc. in Computer Science
specialization in Computational linguistics

ACADEMIC PROJECTS AND PUBLICATIONS

A Collection of Machine Learning Excercises   2018/2019
- Successfully finished for the Student's Faculty Grant
- 50 pages of ML tasks with solutions in R
- Full version with solutions available only per request (used as teaching material)

Ptakopět/Bergamot   2018-present
- Participation in the Bergamot project for client-side MT in web browsers
- Experimental UI for Outbound Translation Ptakopět

Outbound Translation User Interface Ptakopet: A Pilot Study   accepted at LREC 2020
- Results of the first experiment from Ptakopět/Bergamot
- So far available on arXiv.org

Second Ptakopět/Bergamot Experiment *(name TBD)*   planned in Spring 2020
- Cooperation on a larger experiment with a team from Edinburgh

TECHNICAL KNOWLEDGE

Programming	JS/TS, C/C++, Python, C#, R
Toolkits	TensorFlow 2.0+, NLTK
Misc.	Bash, UNIX/Linux administration

LANGUAGE PROFICIENCY

Czech	Native
English	C1-C2 (CAE grade B / 198)
German	A2-B1
Polish	A1-A2

WORK EXPERIENCE

Previo (intern software dev)   summer 2018
Development of multilayer CMS using JS, PHP, Zend and MySQL

BIM Project (intern software dev)   summer 2017
Development of plugins for the ArchiCAD suite with C++/Boost and C#

Web development   2015-2017
Participation in several commercial projects: Brno bez vizuálního smogu, mrfox.cz, velab.cz and intimedcare.cz using the PHP/JS/HTML/CSS stack

EXTRA-CURRICULAR

Academic senate   2018-2020
Member of the Academic Senate at Charles University Faculty of Mathematics and Physics

Game Jams   2015-present
Various game jams, mostly Ludum Dare; several games programmed and presented in limited time

Misc. projects   present
Small projects either for convenience, or as a hobby; code hosted at GitHub

Kasiopea   2017-2019
Organization of Kasiopea, an annual coding competition for highschool students