VILÉM ZOUHAR

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EDUCATION

Charles University in Prague   2017/18 - Exp. 2019/20
Bsc. in Computer Science   169 ECTS
specialization in Computational linguistics   (1st, 2nd year)

ACADEMIC PROJECTS AND PUBLICATIONS

A Collection of Machine Learning Excercises   2018/2019
- Successfull application 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
- More experiments planned for 2020, which are expected to be summarized to papers

Pilot study of Outbound Translation UI with Ptakopět   submitted to LREC
- Results of the first experiment from Ptakopět/Bergamot
- Zouhar, Bojar .. TODO

TECHNICAL KNOWLEDGE

Programming	JS/TS, C/C++, Python, C#, R
Toolkits	TensorFlow 2.0+, NLTK, Pandas
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   summer 2018
Development of multilayer CMS using JS, PHP, Zend and MySQL

BIM Project   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-present
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