VILÉM ZOUHAR

vilem.zouhar@gmail.com

EDUCATION

Charles University in Prague　　　　　　　　　　2017/18 - 2019/20
BSc. in Computer Science
specialization in Computational linguistics
Thesis Enabling Outbound Machine Translation

Saarland University + Groningen University 2020/21 - exp. 2022/23
MSc. in Language Science and Technology
Double degree programme

ACADEMIC PROJECTS AND PUBLICATIONS

Outbound Translation User Interface Ptakopet: A Pilot Study　　LREC 2020 published

Extending Ptakopět for MT User Interaction Experiments　　PBML 115 published

WMT20 Document-Level Markable Error Exploration　　to be published in WMT20

Paper on machine translation application　　in an anonymized review process

Paper on machine translation evaluation　　in writing

A Collection of Machine Learning Excercises　　2018/2019

- 50 pages of ML tasks with solutions in R

- Full version with solutions available only per request (used as teaching material)

TECHNICAL KNOWLEDGE

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

LANGUAGE PROFICIENCY

Czech	Native
English	C1-C2
German	B1-B2 *(in development)*
Polish	A1-A2

WORK EXPERIENCE

Institute of Formal and Applied Linguistics (student research assistant)　　2018-present
Charles Univeristy Faculty of Mathematics and Physics in Prague
Participation in the Bergamot project and other miscellaneous research tasks

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,
Velab, Intimedcare 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　　2015-2020
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