

KAREL BŘINDA

karel.brinda@gmail.com • <http://brinda.cz> • +420 723 664 784

EDUCATION

- 2011 – present** *Czech Technical University in Prague*
Faculty of Nuclear Sciences and Physical Engineering
Study program: Software Engineering and Mathematical Computer Science (Master's program)
Web address: www-en.fjfi.cvut.cz
- 2008 – 2011** *Czech Technical University in Prague*
Faculty of Nuclear Sciences and Physical Engineering
Bc. in Software Engineering and Mathematical Computer Science
Final state examin.: Linear algebra, Calculus (with overall classification A)
Bachelor thesis: Abelian complexity of infinite words
Web address: www-en.fjfi.cvut.cz
- 2000 – 2008** *Grammar school "Gymnazium Jaroslava Heyrovského" in Prague*
Final examination: English, Czech, Mathematics, Physics

PROFESSIONAL EXPERIENCE

- 2005 – present** *Czech Technical University in Prague*
Faculty of Nuclear Sciences and Physical Engineering
Department of Mathematics
TEREZA, Center for Facilitation of University Education for Visually Impaired Students
Web address: www.tereza.fjfi.cvut.cz/en

Webmaster, programmer, server administrator
Other activities: cooperation with partners, consulting, web accessibility
- 2008, June – July** *Karlsruhe Institute of Technology (KIT) – Internship*
SZS, Study Center for Visually Impaired Students
Web address: www.szs.uni-karlsruhe.de/english

OTHER EXPERIENCE

- 2010 – present** *Academic Senate of FNSPE CTU in Prague – vicechair*
- 2008 – present** Student activities:
 - *International Student Club, CTU in Prague* – buddy program
 - *Student union at FNSPE CTU in Prague* – organizer of several events
 - *"Technická prestavka"* – summer and winter student camp, organizer

ADDITIONAL SKILLS

- Knowledge of languages: Czech – native speaker
English – active (writing, reading, speaking)
German – passive

Computer skills:

Operating systems: Linux, Unix, Windows

Program. languages: Python, Java, PHP, Pascal, C++, SQL

Other: HTML+CSS (including knowledge of web accessibility), \LaTeX , knowledge of computer technology for visually impaired users

Driving licence: yes

Interests: 20th century history, guitar, outdoor cipher games, cycling, dancing

PUBLICATIONS

- L. Balkova, K. Brinda, O. Turek: *Abelian Complexity of Infinite Words Associated with Quadratic Parry Numbers*, Theoretical Computer Science 412 (2011), doi:[10.1016/j.tcs.2011.08.016](https://doi.org/10.1016/j.tcs.2011.08.016).

Prague, 28th February 2012