Curriculum Vitae

First name: Petr
Surname: Červa
Acad. degrees: Ing., Ph.D.

E-mail: petr.cerva@tul.cz
ORCID ID: 0000-0003-0767-0106
Current position: assistant professor at TUL

EXPERIENCE

2007 – Present   **Technical university of Liberec, assistant professor**

- co-investigator of the current R&D projects:

TH03010018 DeepSpot - Multilingual technology for spotting and instant alerting. Project by Technology agency of the Czech Republic, Period 2018-2021.

TO01000027 NordTrans - Technology for automatic speech transcription in selected Nordic languages. Project by Technology agency of the Czech Republic, Period 2021-2024.

- main author or co-author of 61 publications according to the Scopus, h-index 11

- teaching subjects:

Machine learning (bachelor degree)
Advanced programming on Java platform (master degree)
Introduction to computational linguistics (master degree)

2014 – Present   **spin-off company NanoTrix, s.r.o., data analyst and software developer**

2015 – 2018   **Liberecká IS, a.s., member of the supervisory board**

2015 – 2018   **Liberec city, member of the financial committee**

STAYS ABROAD

2009   **University of Granada, Spain**

Fortnight stay within the Erasmus program for teachers

2005   **Aalborg University, Denmark**

Three-month stay within the Erasmus program for students

EDUCATION

2004 – 2007   **PhD degree in Technical cybernetics**

Technical University of Liberec

Dissertation: Supervised and unsupervised speaker adaptation in speech recognition systems

1999 – 2004   **Master degree in Electrical engineering**

Technical University of Liberec

Thesis: Adaptation of a speech recognition system to a specific speaker; awarded by the Rector of TUL

2014 – Present   **On-line courses**

Stanford university

   CS231n: Convolutional Neural Networks for Visual Recognition

   CS224n: Natural Language Processing with Deep Learning

www.coursera.org

   Machine Learning
   Algorithms: Design and Analysis, Part 1
   Algorithms: Design and Analysis, Part 2
   Cloud Computing Applications
   Cloud Networking
   Cloud Computing Concepts
   Web Application Architectures
   Mobile Cloud Computing with Android