

Tereza Siváková

Contact details:

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Personal details:

date of birth: 28.5.1997

Education

PhD. Mathematical engineering 2022 – 2026(*expected*)
Faculty of Nuclear Sciences and Physical Engineering - CTU in Prague

Ing. Applied Mathematical Stochastic Method 2020 – 2022
Faculty of Nuclear Sciences and Physical Engineering - CTU in Prague

Bc. Applied Mathematical Stochastic Method 2016 – 2020
Faculty of Nuclear Sciences and Physical Engineering - CTU in Prague

Relevant courses: algebra and calculus, numerical methods, probability and statistics, classical physics, Monte Carlo methods

Work experience

Participating on research with Ing. Miroslav Kárný, DrSc.

Bachelor thesis: Algorithmic elicitation of feasible preferences

Research work: Adaptive Algorithmic Quantification of Preferences

Master thesis: Active Adaptive Algorithmic Quantification of Preferences

Research:

- Agent's Feedback in Preferences elicitation, conference in London, December 2021
- **Czech Academy of Science - Institute of Information Theory and Automation** - Prague, Czech Republic 2020–
Participating on research in Department of Adaptive Systems: decision-making, Bayes learning, Preference elicitation Markov decision process, Fully probabilistic design
- **MSD**: Data analysis, Database, Visualization 2021–

Skills

- **Language**: English, basics of French, German
- **Technical skills**: MATLAB, R, SQL, basics of Python
- **Personal interests**: Theater, music, dance, fitness