

ING. JAKUB RADA

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SKILLS

Programming Languages: Python, Typescript/Javascript, C/C++, Julia, Rust

AI/ML Tools: PyTorch, Jax, Gurobi, CPLEX, HuggingFace Transformers, OpenCV, vLLM

Application Frameworks: NodeJS, NestJS, Docker, VueJS, PostgreSQL, NextJS

Languages: Czech, English, Spanish

Interests: Learning, Reading, Travelling, Lifting Weights, Running, Hiking, Coding

EDUCATION

Czech Technical University in Prague Artificial Intelligence	09/2025 - present PhD GPA 4.00 US
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Czech Technical University in Prague Artificial Intelligence	06/2022 - 06/2025 Master GPA 3.94 US
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European Summer School in Artificial Intelligence Artificial Intelligence	07/2024 - 07/2024 PhD
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Korean Advanced Institute of Science and Technology Artificial Intelligence	02/2023 - 06/2023 Master GPA 3.62 US
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Czech Technical University in Prague Computer Science	06/2019 - 06/2022 Bachelor GPA 3.89 US
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EXPERIENCE

AI Engineer DeepFlows AI Inc. Freelance	03/2026 - 05/2026 AI Engineer
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AI Engineer and Architect SWEHQ s.r.o. Contract	06/2025 - present AI Engineer
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Web and Mobile Software Development SWEHQ s.r.o. Contract	06/2022 - 06/2025 Software Engineer
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Web Software Developer SWEHQ s.r.o. Contract	06/2021 - 11/2021 Software Engineer
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Optimization Researcher CIIRC, CTU in Prague Part-time	07/2020 - 06/2021 Research
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Front End Web Developer Scalesoft Part-time	08/2019 - 12/2019 Software Engineer
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PUBLICATIONS

Towards Improving Sequential Decision-Making in LLM Agents via Experience Memory Workshop on Neuro-Symbolic Intelligence for LLMs and Autonomous Agents	06/2026 paper
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The ALNS meta-heuristic for the transmission maintenance scheduling Journal of Heuristics / Springer Nature	05/2024 paper
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CONFERENCES AND WORKSHOPS

Workshop on Neuro-Symbolic Intelligence for LLMs and Autonomous Agents IJCAI-ECAI 2026	08/2026 - 08/2026 Bremen, Germany
Talk: Towards Improving Sequential Decision-Making in LLM Agents via Experience Memory	

CERTIFICATES

TOEFL iBT English Proficiency	09/2024 - present 116 / 120
Cambridge First Certificate in English English Proficiency	06/2017 - present 176.8 / 190

MEMBERSHIPS AND SOCIETIES

Upsilon Pi Epsilon Honor Society	02/2024 - present
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HACKATHONS

OnkoApp Rakathon AI against Cancer	04/2025 - 04/2025 2nd place
Shyguy's Wingman Mistral AI Game Jam AI and Games	01/2025 - 01/2025 6th place

ACHIEVEMENTS

Exceptional Master's Thesis Dean's Award	10/2025 - 10/2025 FEE CTU
Daegu International Half Marathon 2023 10th place	04/2023 - 04/2023 Daegu International Marathon
Seoul Marathon 2023 Relay 1st place	03/2023 - 03/2023 Seoul Marathon
Exceptional Bachelor's Thesis Dean's Award	05/2022 - 05/2022 FEE CTU
ROADEF Challenge 2020 2nd place	06/2021 - 06/2021 EURO
Baltie 2011 International Round 3rd place	06/2011 - 06/2011 SGP Systems
Baltie 2011 National Round 2nd place	05/2011 SGP Systems