

Jakub Liška

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Scientific Interests

electromagnetic field theory, fundamental bounds, computational electromagnetics, numerical and convex optimization, numerical techniques

Education

- 2021–present **Doctor of Philosophy in Radioelectronics**, *Fundamental Bounds on Electromagnetic Quantities Based on Current Density*.
Department of Electromagnetic Field, Faculty of Electrical Engineering,
Czech Technical University in Prague
- 2019–2021 **Master of Science in RF and DSP Engineering**, *Fundamental Bounds on Magnetic Levitation and Magnetic Confinement*, graduated with honors.
Department of Electromagnetic Field, Faculty of Electrical Engineering,
Czech Technical University in Prague
- 2016–2019 **Bachelor of Science in Open Electronic Systems**, *Optimal Quality Factor of Air Cored Inductors*, graduated with honors.
Department of Electromagnetic Field, Faculty of Electrical Engineering,
Czech Technical University in Prague

Working Experience

- 2018–present **Research Assistant**, *Member of Antenna Toolbox for MATLAB antenntoolbox.com development team*, programming tasks in MATLAB,
Computational Electromagnetics Group, Department of Electromagnetic Field.
Faculty of Electrical Engineering, Czech Technical University in Prague

Computer Skills

Advance	MATLAB
Intermediate	L ^A T _E X
Basic	Mathematica, Maple, AWR Microwave Office, Tikz, C/C++, CST Studio Suite, GIT, php

Languages

Czech	Native Speaker	
English	B2 level	Independent User
French	B1 level	Independent User

Awards

- 2019 Dean's prize for excellent bachelor project
2021 Dean's prize for excellent master project