CONTACT ME



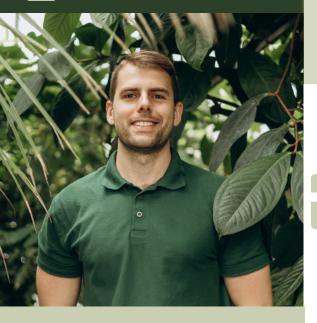
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Adam Hruška



HIGHLIGHTS

- · Advanced skills within the framework of computer vision and deep neural networks.
- Expertise within the field of food security

Adam Hruška

PhD student & Junior Researcher



WORK EXPERIENCE

Junior Researcher

BioResources & Technology Division (BRT) at FTZ/CZU

May. 2024 - Ongoing

- · Prague, Czech Republic
- · Working on food security and computer vision oriented research projects

Researcher

Czech University of Life Sciences, Prague Nov. 2021

- Prague, Czech Republic
- · Research of computer vision algorithms on the government project QK22010348 -Autonomous systems for integrated production of vegetables

Intern

British Embassy, Public Communications Dept. Jan. 2019 - Dec. 2019

- · Prague, Czech Republic
- · Political communication department jobs including the preparation of a communication strategy for the defense department



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<u>Adam Hruška</u>

EDUCATION HISTORY

Ph.D.

<u>Czech University of Life Sciences, Prague</u> Ongoing

• Prague, Czech Republic

Masters in Agricultural Studies

Czech University of Life Sciences, Prague

Year of Graduation: 2022

- Prague, Czech Republic
- Dissertation research on "Using of machine learning methods for weed detection in crops"

Masters in International Security Studies

Charles University

Year of Graduation: 2021

- Prague, Czech Republic
- Dissertation research on "Food Security and Machine Learning: Opportunities and Challenges"

Bachelors in Political Science and International Relations

Charles University

Year of Graduation: 2019

• Prague, Czech Republic



LANGUAGE SKILLS

- English native speaker
- Czech native speaker
- German A2



COMMUNICATION SKILLS

- Confident, articulate, and professional speaking abilities
- High and confident ability to speak in public, in groups, or via electronic media
- Presentation and negotiation skills Confident in presenting scientific work at international conferences or any forms of media

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Adam Hruška

OTHER SKILLS AND EXPERIENCES

- Experience in teaching agriculture for BSc students
- Experience with the implementation of generative AI models
- Advanced knowledge of computer vision
 Advanced knowledge in the whole field of artificial intelligence, especially deep neural networks
- Expertise in the framework of food security



LIST OF SCIENTIFIC PUBLICATIONS

ARTICLES

• **Hruška, A.**, & Hamouz, P. (2023). Verification of a machine learning model for weed detection in maize (Zea mays) using infrared imaging.