

BARBORA HUDAČKOVÁ

Brno, Czech Republic

+421 949 063 381 ◊ barb.hudackova@gmail.com

EDUCATION

Masaryk University, Brno, Czech Republic

Expected 2027

M.Sc. in Astrophysics

Focus: High-energy astrophysics, Quantum-gravity phenomenology, data analysis

Masaryk University, Brno, Czech Republic

September 2022 - June 2025

B.Sc. in Astrophysics

Thesis: Analysis of time delay of gamma-ray bursts

JOB EXPERIENCE

Anoda Bar

October 2024 - Present

Barista, Bartender

- Worked in several settings as head barista, bartending, cook and customer service
- Supported the team across various operational areas, gaining organizational, teamwork, and technical skills.

Kafehaus Barzzuz

September 2018 - June 2022

Barista

- Gaining experience in team organization, team work and operating organization.

TEACHING AND POPULARIZATION

Lectures for MjUNI

October 2023 - Present

Masaryk University

- Developed and delivered series of lectures on Black Holes and Astrobiology for high-school students as part of the MjUNI program.

Public outreach for MUNI Sci

September 2022 - Present

Masaryk University

- Organizing and participating in faculty Open Days, presenting experiments at Starmus science village, Science nights and Brno science festival.

SKILLS

Programming

Python(SciPy, Numpy, Astropy, matplotlib, Plotly)

Physics expertise

Astrophysics, High-Energy physics, Cosmology

Data Analysis

Data simulations, Signal processing

Languages

English (Fluent), Slovak(Native), German (Intermediate)