

# Zdeněk Janák

## Curriculum vitæ

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🌐 astrograzl.github.io



*“There was something undefined and complete.”*

### μEmployment

- IX. 2021–XI. 2021 **Researcher**, Transport research center, Brno  
VII. 2020–X. 2020 **Software developer**, AtomTrace a.s., Brno  
I. 2013–IX. 2019 **Professional staff**, Faculty of Science, Masaryk University, Brno  
DEPARTMENT OF THEORETICAL PHYSICS AND ASTROPHYSICS

### Experiences

- XI. 2022–V. 2023 **Plan 9B**, Bootcamp, Green Fox Academy, Junior web developer  
9.–10. XI. 2019 <**CodeBrew**>, Hackathon, ENGETO Academy, Impact Hub, Brno, Hacker  
XI. 2014–II. 2018 **DK154**, Remote observatory, ESO, La Silla, Chile, Observation operator  
26.–30. VIII. 2015 **EuroScipy**, 8th European Conference on Python in Science, Cambridge, UK, Poster  
17.–21. VI. 2013 **GREAT Astrostatistics School**, Summer school, Alicante, Spain, Naive Bayes

### Collaboration

- 2010–2019 **Astronomical Institute of the Czech Academy of Sciences**, asu.cas.cz  
2005–2009 **Observatory & Planetarium of Mikuláš Koperník**, hvezdarna.cz

### Education

- Self-study **Coursera**, Online Courses & Credentials by Top Educators, coursera.org  
MACHINE LEARNING, HIGH PERFORMANCE COMPUTING, DATA-DRIVEN ASTRONOMY, ...  
2012–2019 **Not a Ph.D.**, Theoretical physics and Astrophysics, astro.physics.muni.cz  
2009–2012 **Mgr.**, Theoretical physics and Astrophysics, monoceros.physics.muni.cz  
2005–2009 **Bc.**, Astrophysics, sci.muni.cz

### About IT

- Python Numpy, SciPy, (Geo)Pandas, Seaborn, Matplotlib, Scikit-Learn, Keras, Flask  
C/C++ Qt, SQL, Java, Spring, JavaScript, TypeScript, Kotlin, ...  
Linux Bash, Ssh, Git, Docker, Jupyter, L<sup>A</sup>T<sub>E</sub>X

### Selfie

- character cynicism, sarcasm, irony  
advantages perfectionism, minimalism  
literature educational, underground poetry  
hobbies (g)astronomy, cinematography  
hobby music, analog photography  
sport cycling, croquet, pétanque