



JERZY BAZAK

PhD in Life Science, Python & R & SQL apprentice, C++ admirer, 3D print designer, Linux enthusiast, Problems solver, always looking for the princess in another castle!

WORK EXPERIENCE

2024 – currently Jagiellonian University in Cracow, Poland;
Assistant (post-doc) at Department of Computational Biophysics and Bioinformatics

- Deep Learning (Instance Segmentation)
- Arduino/3D Printing

2011 – 2023 Jagiellonian University in Cracow, Poland;
Assistant (post-doc) / **Researcher** / PhD Student

- Running few NCN's projects in Department of Biophysics in collaboration with Medical College of Wisconsin, USA.
- Experimental data analysis.

2019 – 2023 Cabinet médical Dr méd. MIKA ophtalmologue FMH in Geneva, Switzerland;
Network Administrator (freelancer)

- Creation and maintaining an internal network of a private medical facility.

IV – VI 2023 Real Research, Cracow (contract)

- Laboratory equipment design and production (**3D printing**)

III/VI 2023 intoDNA, Cracow (freelancer)

- Laboratory equipment design and production (**3D printing**)

IX 2010 – II 2011 Academic training in CNRS (Centre of Molecular Biophysics), Orléans, France; Intern-student

ADDITIONAL PRACTICES AND TRAINING

2022 – 2024 Diardi Node Operator - Scala Network (XLA)

2022 – 2023 Author and teacher of a 3D printing course for students.

2009 – 2021 Non-professional computer service.

EDUCATION

2024 University of Science and Technology (**AGH**) in Cracow

Faculty of Computer Science, Electronics and Telecommunications

Data Science - Postgraduate studies – expected graduation – 2024

(**Python, R, Spark, Statistica, SQL, PowerBI, Machine Learning, Data warehouse, Social Networks**)

2020 Jagiellonian University in Cracow, Poland,

Faculty of Biochemistry, Biophysics and Biotechnology

PhD in Biology

2011 Jagiellonian University in Cracow, Poland,

Faculty of Biochemistry, Biophysics and Biotechnology

Master degree of Biotechnology

2011 Université d'Orléans, Orléans, France

Master degree of Biology – Biochemistry

"I consent to the processing of my personal data contained in the job offer for the purposes of the recruitment process (in accordance with the Act of 29.08.1997 on the protection of personal data, Journal of Laws No. 133 Item 883)".

CONTACT DETAILS

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LINKEDIN

<https://www.linkedin.com/in/jerzy-bazak-phd-745222139/>

GITHUB

<https://github.com/Frogmaker>

IT SKILLS

- Python
- C/C++
- R
- SQL
- OpenSCAD
- GitHub
- Statistica
- Origin
- MS Excel

LABORATORY SKILLS

- Cell culturing
- Viability assays
- Western Blot
- Spectroscopy
- Microscopy
- Data analysis
- Reporting
- Problem solving

LANGUAGES

English – fluent

HOBBIES

- nuclear physics
- astrophysics
- board games
- history
- computers/SBC
- retrogaming
- Arduino
- electronics