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EDUCATION

PALACKÝ UNIVERSITY - OLMOUC

2021 - Present

BACHELOR'S DEGREE IN BIOINFORMATICS

PROTEIN FUNCTION ANNOTATION FROM THE SEQUENCE

RELEVANT WORK EXPERIENCE

XORUX S.R.O., INFRASTRUCTURE PERFORMANCE MONITORING

2023 - Present / Olomouc

SOFTWARE ENGINEER - FOCUS ON BACK-END DEVELOPMENT AND AUTOMATIZED TESTING

PALACKÝ UNIVERSITY, FACULTY OF SCIENCE

2022 - Present / Olomouc

COMPUTATIONAL CHEMISTRY INTERN - EMPHASIS ON MACHINE LEARNING AND DATA ANALYSIS

VLTAVA LABE MEDIA, A.S.

2019 - 2021 / Deník.cz

WEBEDITOR, SOCIAL MEDIA MANAGER

SOFTWARE EXPERIENCE

PROGRAMMING LANGUAGES

Actively using: Python | TypeScript | JavaScript | Perl

Currently learning: Rust (my go-to lately) | Go | Lua

Notable languages I have used: C# | C/C+ | R | PHP | HTML/CSS

(WEB) FRAMEWORKS

Django | FastAPI (familiar) | React | NextJS | NodeJS | Go-Chi (learning)

VERSION CONTROL & TESTING

GitLab CI | Selenium | Pylint | Jenkins (learning)

CLOUD & CONTAINERS

Docker | AWS | Google Cloud | Azure (basic familiarity)

GAME ENGINES

Unity Engine | Bevy Engine (learning) | Unreal Engine (familiar) | Godot (learning, preferred)

OTHER NOTABLE STACK

Bash & moderate-level Linux administration | SQL (Postgres preferred) | MongoDB

ML FRAMEWORKS & LIBRARIES

Numpy | Pandas | PyTorch (preferred) | Tensorflow (familiar) | scikit-learn

MEDIA

LaTeX | WordPress | Image Editing | LibreOffice & MS Office

FOCUS IN BIOINFORMATICS

Protein Function Prediction | Structural Databases | Drug Design | Gene Ontology

LANGUAGES

Fluent: Czech (Native) | English

Basic communication: German | Spanish

Learning: Japanese

OTHER NOTABLE EXPERIENCE & SKILLS

- **R. I. C. E. (what I value the most about myself):** Resilience, Innovation, Collaboration, Empathy
- **Driving proficiency:** Driver's license (B+B1), fork-lift certificate
- **Discord:** Administration, Moderation, Automatization - Bots & Webhooks (communities with hundreds to thousands of members)
- **Tournament Organiser:** 25+ public tournaments on Battlefy and more real-life events - Hearthstone, Counter Strike 1.6, League of Legends
- **Tutoring, teaching**

HOBBIES

- **Current favorite videogames:** Last Epoch, Nowhere Prophet, Hearthstone, World of Warcraft, League of Legends, Death Must Die, Path Of Exile, LEGO Games, Hades, Bloons TD Series, Valorant
- Musical instruments (not only playing but also discovering new ones)
- Cybersecurity, low-level programming
- Japanese culture (manga and anime translation, martial arts)