

U Stadionu 254, Straz pod Ralskem
Liberecky kraj

JAROSLAV HOLAJ

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EMPLOYMENT

Software Engineer, Part-Time	Knorr-Bremse	July 2022 – September 2023
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- Started as primarily backend Django developer but transitioned to full-stack.
- Developed web applications for internal company use within terms of KPS (Ticketing System, Carpool, Changeover Time...).
- Tested functionality of web apps with Robot Framework.
- Occasionally fixed and developed Excel Macros.

Excel/VBA Developer, Part-Time	Chart Ferox	September 2020 – September 2023
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- Increased productivity in calculating physical properties of given materials in Excel Sheets.
- Wrote documentation for software to assist users in using.
- Redesigned old Excel Sheets and improved calculating speed and design.

Administrative Worker, Part-Time	Chart Ferox	July 2020 – September 2020
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- Designed and prepared web forms for web developers.
- Searched and reported errors in applications.
- Prepared and checked data for web developers.

EDUCATION

Hradec Kralove	University of Hradec Kralove	September 2022 – February 2024
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- Field of Study: Software Engineering
- Code of Field: B0613A140033
- Study discontinued after successful completion of 3 semesters.
- Undergraduate Coursework: Computer Graphics; Discrete Math; Operating Systems; Databases; Web Publishing Technologies; Computer Architecture.

Ceska Lipa	Secondary Technical School	September 2018 – May 2022
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- Field of Study: Information Technology
- Code of Field: 18-20-M/01
- Ended with High School Diploma with honors.
- Final year Practical thesis about Image Reconstruction with Artificial Intelligence.

TECHNICAL EXPERIENCE

Projects

- **Computer Graphics Wired 3D Model** (2023). Simple 3D Object maneuvering. Implementing WASD camera, translation and transformation. Java
- **Color Frequency** (2023). Showcasing most prevalent colors in RGBA image. Rust, GTK4 for GUI
- **JPEG Compressor** (2023). JPEG compressor from scratch (without external libraries). Meant only for educational reasons, currently not finished. C++
- **More on GitHub**

ADDITIONAL LICENSES AND CERTIFICATIONS

European Computer Driving License (ECDL/ICDL)

- Issued in May 2022.

LANGUAGES AND TECHNOLOGIES

- Czech (Native); English (B1)
- Python; Java; C++; PostgreSQL; VBA; HTML; CSS; JavaScript
- Visual Studio Code; IntelliJ IDEA; Linux; Robot Framework; MS Office

USEFUL LINKS

GitHub:
<https://github.com/jholaj>

LinkedIn:
<https://www.linkedin.com/in/jaroslav-holaj-8a4294235/>

Portfolio:
<https://jholaj.github.io/portfolio/>