Ing. Helena Valentová

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EDUCATION

Ph.D. in Mechanical Engineering   **2022 – now**
Brno University of Technology | Brno, Czech Republic
Specialization: Power Engineering

Master of Mechanical Engineering   **2020 – 2022**
Brno University of Technology | Brno, Czech Republic
Specialization: Power Engineering
Master's thesis: Heat Exchanger Design for Waste Air Heat Recovery

Bachelor of Mechanical Engineering   **2017 – 2020**
Brno University of Technology | Brno, Czech Republic
Specialization: Fundamentals of Mechanical Engineering
Bachelor's thesis: CO_2 Sources and Emission Trading System

High School Gymnázium Jakuba Škody | Přerov, Czech Republic   **2013 – 2017**
Finished with Maturita Exam

EXPERIENCE

PKV BUILD   **2/2023 – 4/2023**
Technical Specialist
Responsibilities: Processing technical-economical studies with a focus on photovoltaic projects.

The International School – Thai Nguyen University, Vietnam   **9/2022 – 1/2023**
English Teacher
Responsibilities: Teaching English, composing lessons according to the school study plan and participating in the school's English club.

E.ON   **6/2021 – 9/2021**
Distribution Supervision - Technical Administrative Assistant
Responsibilities: Processing data (mainly in Excel) about the electrical grid in the E.ON's distribution area in The Czech Republic and other data regarding the company.

Institute of Scientific Instruments – The Czech Academy of Sciences   **7/2020 – 9/2020**
Cryogenics and Superconductivity – Intern
Responsibilities: Collecting data from measuring devices, processing data from experiments related to Rayleigh-Benard cryogenics convection, and processing data from other small experiments.

ADDITIONAL SKILLS

- Languages: Czech (Native), English (B2), Japanese (A1-A2)
- Designing tools: Autodesk, AutoCAD, Inventor, SolidWorks
- Programming: HTML, CSS, JavaScript
- Math Software: Mathcad
- Microsoft Office: Word, Excel, PowerPoint, Outlook
- Driving Licence: Category B