



DAVID POSLUŠNÝ

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Education

Prague University of Economics and Business <i>Knowledge and Web Technologies · Quantitative Analysis</i>	2023 – Present <i>Master's degree</i>
Prague University of Economics and Business <i>Applied Informatics</i>	2019 – 2023 <i>Bachelor's degree</i>
Smíchovská střední průmyslová škola a gymnázium <i>Information Technologies</i>	2015 – 2019 <i>High school</i>

Experience

Jesenice Municipal Office <i>IT Support</i>	2017 – 2018 <i>Department of Culture and Presentation</i>
<ul style="list-style-type: none">Redesigned the city's official web.Designed websites for city's cultural events.Carried out data processing in Excel.Assisted in the operation of city's CzechPOINT office.	

Publications

Design and implementation of an open source web application about cooking <i>Prague University of Economics and Business</i>	2022 <i>Bachelor's thesis</i>
<ul style="list-style-type: none">Developed a social network focused on cooking, from initial analysis to final deployment as an open-source software.Conducted a comprehensive analysis of existing solutions to establish functional requirements for the application.Designed the application's architecture, database, user interface, and use cases.Implemented modern technologies, namely Spring Boot for the backend and React for the frontend.Performed comprehensive testing and deployed the application to a cloud platform.	

Skills

Languages: Python, Java, JavaScript, C#, PHP, HTML, R, SQL
Frameworks: Spring Boot, React, Streamlit
Libraries (Python): Pandas, NumPy, Scikit-learn, Matplotlib, PyTorch, TensorFlow, Keras, SpaCy, NLTK
Others: Git, Markdown

Knowledge

Data Science: Machine Learning, Classification, Clustering, Decision Trees, Semantic Web, Sentiment Analysis
Deep Learning: Neural Networks, Computer Vision, Natural Language Processing, Transformers, LLM's
Statistics: Hypothesis Testing, Dependency Analysis, Regression, Time-Series, Quantitative Analysis
Computer Science: Software Engineering, Software Design, Web Development, REST API

Languages

Czech: Proficiency at native level
English: Knowledge to enable professional work (C1)