

BOR CERNE

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Technical Skills

Back End | Python | C++ | Javascript | PostgreSQL

Front End | CSS | HTML | jQuery

Developer Tools | PyTorch | TensorFlow | OpenCV | ONNX | OpenCV | Docker | Django | Flask | AWS

Management skills | Communication | Technical Skills | Leadership | Time Management | Problem-Solving | Adaptability

Experience & Projects

Software Developer **London, UK(remote), August 2023 - Present**

Software Engineer @ FuxMarketing Python | HTML | CSS | JavaScript | Flask | APIs | Git

- Developed a game-changing internal application using Flask, automating workflows and drastically reducing task completion times from hours to mere minutes.
- Leveraged Git for efficient version control, ensuring seamless collaboration and code management.
- Seamlessly integrated various APIs, including Google's and OpenAI APIs, to enhance functionality and streamline data access.
- Continuously explored emerging technologies and industry trends to bring innovative solutions to the table, driving the team's success.

Computer Vision/Machine Learning, Freelancer **Oct 2022 - Present**

Freelancer @ UpWork Python | C++ | PyTorch | Docker |

- Stay updated with latest developments in Generative AI and NLP.
- Able to work as an individual with different type of people which I helped with their problems and where most important thing was communication.
- Provided end result projects in time and inside client's budget.
- Able to get more well rounded in the AI space.
- Usage of deep learning for computer vision tasks to improve the results by 15%.

Machine Vision Engineer **Ljubljana, SLO Jun 2022 - Oct 2022**

Project Engineer @ INEA d.o.o Python | LabView | PyTorch | ONNX | OpenCV | C++

- Optimized machine learning algorithms with image processing functions to enhance model training

- Achieved 10% acceleration in model performance by exporting projects with OpenVino
- Mentored junior engineers, sharing best practices and achieving team success Proficient in Python, LabView, PyTorch, ONNX, OpenCV, and C++
- Recognized for delivering results with quantitative metrics in image processing and machine learning.

Machine Vision Intern

Ljubljana, SLO Mar 2022 - Jun 2022

Project intern @ INEA d.o.o Python | LabView | PyTorch | ONNX | OpenCV | C++

- Achieved 20% faster turnaround on projects by mastering alternative machine vision approaches, including CNN and supervised learning.
- Built effective job models by utilizing deep learning concepts and strategies. Grew expertise in AI-driven best practices for technical and non-technical jobs.
- Recognized for acquiring and applying knowledge quickly and effectively.

Volunteering

Data capture, RSDO

Ljubljana, SLO Oct 2021 - Feb 2023

Data annotation @ University of Ljubljana Audacity

- Collected data by recording people reading Slovene sentences.
- Preprocessed data by cutting and labeling for easier learning.
- Worked on DSDE project financed by Slovenian Ministry of Culture and European Regional Development Fund.
- Contributed to project for 1 year and 5 months.

Education

University of Ljubljana - Masters of Electrical Engineering, Control Systems & Computer Engineering 2023 - Present

University of Ljubljana - Bachelors of Electrical Engineering, Control Engineering, 2022