**Nikola Bugarski *Senior Artificial Intelligence developer***

Belgrade, Serbia

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**SUMMARY**

Well-trained several neural networks Developer such as **CNN**, **RNN**, **MLP**, **LSTM** with more than 6 years of expertise in large models and a strong background in cloud technologies. Experience in developing several models such as **NLP** for sentiment analysis, language generation, and text summarization and building **AI** frameworks and models leading to an average of 30% cost reduction and 38% increase in accuracy.

**WORK EXPERIENCE**

**Senior Artificial Intelligence developer *Sunny Isles, FL, US***

**Hivex | *Aug 2023 – Aug 2024***

* Pioneered a **deep learning** algorithm that improved image classification accuracy by 20%, leading to a patent filing and integration into customer’s processing suite.
* Executed advanced temporal analysis and pattern recognition techniques on over 500 datasets, achieving a reduction in processing time by 30% while enhancing accuracy for **machine learning** applications within the **AI** framework.
* Demonstrated advanced proficiency in statistical modeling by conducting analysis on more than 200 variables, resulting in updated accuracy for **AI** algorithms and decreased error rates during testing phases of product development.
* Orchestrated the transition to a **GPT-3** based **NLP** system, enhancing Chatbot responsiveness which resulted in a 50% reduction in customer service escalations.
* Strong time optimization and organization skills for coordinating multiple initiatives, priorities and implementations of new technology and products into very complex projects.
* Customer facing skill-set and background working with developers, researchers, start-ups and established technical/industry partners.
* Demonstrable experience in strategy, research, communications.

**Senior Deep Learning developer *Gliwice, Poland***

**The Software House | *May 2022 – Jun 2023***

* Strong written and oral communications skills with the ability to effectively interface with management and engineering.
* Experience of using deep learning frameworks, **Caffe**, **TensorFlow**, etc.
* Strong programming and debugging skills: **C++,** **Python**, etc.
* Currently enrolled in a **PhD** or **MS** level education with a focus in **Deep Learning**, **Machine Learning** or **AI**.
* Excellent **python** and **C/C++ programming** and software design skills.
* Experience with **deep learning** frameworks: **Caffe**, **TensonFlow**, **Keras** etc.
* Evaluate the network performance and cost.
* Knowledge in Audio, Speech, or Language Processing.

**Senior Machine Learning developer *London, England***

**Pixelette Technology | *Jan 2021 – Apr 2022***

* Engineered a fast machine learning model that advanced the efficiency of Company’s search accuracy by 30%.
* Led a team of five to design and implement a predictive model using deep learning algorithms, increasing the speed of data analysis by 40%.
* Collaborated with cross-functional teams to update the UI of Company’s search engine, enhancing user experience by 20%.
* Developed a robust data pipeline that reduced manual data extraction time by 50%.
* Pioneered a novel neural network architecture that boosted the scalability of Google’s recommendation system.

**Middle Artificial Intelligence programmer *Stockholm, Sweden***

**OpenGeeksLab | *Jan 2020 – Dec 2020***

* Designed run-time algorithms for online payment systems using **Python**.
* Created **Data Models** for credit card payments, leading to the implementation of processes to increase accuracy by 20%.
* Managed code for company **Chatbot** that improved response times by an average of 5.4 seconds per call.
* Oversaw team that designed and implemented navigation features through successful software testing processes.

**EDUCATION**

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| Aug 2015 –Dec 2019 |  | **University of Belgrade  *Belgrade, Serbia***  **Bachelor’s Degree, Computer science** |

**SKILLS**

* Machine learning
* Natural Language Processing
* Image Recognition Algorithms
* Predictive Modeling
* Human-AI Interaction Design
* Chatbot Development and Testing
* Data analysis
* Research and Implementation of Cutting-Edge AI Technologies
* AI model training and Optimization
* Team Collaboration
* AI system Development
* Customer Churn Prediction
* Sentiment Analysis
* Demanding Forecasting
* Real-time applications development
* Efficiency Improvement