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

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

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