

January 10, 2024

Przemysław Łapko  
Senior Software Process Improvement Specialist  
Samsung Electronics Poland R&D  
Plac Europejski 1, 00-844 Warszawa, Poland

European Organization for Nuclear Research  
Espl. des Particules 1, 1211 Meyrin, Switzerland

Dear Application Committee,

I am writing to recommend Mr. Łukasz Michalski as a candidate for the Summer Student Program at the European Organization for Nuclear Research. I have had the privilege of supervising Mr. Michalski's work during our collaborative research with Wrocław University of Science and Technology.

Mr. Michalski played a significant role in our joint endeavor, focusing on the project *"Automatic Construction of a Semantic Knowledge Graph Describing the System based on the Content of Technical Documentation"*. The scope of this project demanded a deep understanding of machine learning, particularly in the realm of natural language processing, knowledge graphs, and associated standards such as RDF.

As the leader of a four-person team, Mr. Michalski demonstrated remarkable skills in system design and natural language processing algorithms. His ability to swiftly acquire new knowledge, especially in the context of machine learning applications for language processing tasks, was evident. Notably, he spearheaded the creation of a custom language model for Named Entity Recognition, showcasing his dedication to innovative solutions.

Under his leadership, the project benefited from a modular approach to system design, allowing the team to work on distinct modules independently, thereby enhancing overall workflow efficiency. His role extended beyond technical expertise; as a team leader, Mr. Michalski effectively managed work assignments, ensured the quality of designed solutions, and upheld project timelines during our regular project meetings.

Mr. Michalski's proactive approach was particularly evident when addressing challenges. In instances where issues arose, he displayed initiative by arranging meetings with experts in Natural Language Processing from Samsung. This demonstrated his commitment to seeking optimal solutions and identifying potential weak points, ensuring the project's success.

The culmination of our collaborative efforts was the presentation of a project during a conference featuring team projects, attended by leading companies in the technology sector. Mr. Michalski's responsibility for the presentation underscored his capability to articulate complex concepts effectively.

I believe Mr. Michalski's experience and skills make him an ideal candidate for the Summer Student Program at the European Organization for Nuclear Research, where he can contribute effectively to cutting-edge research initiatives.

Sincerely,

Przemysław Łapko