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To whom it may concern

Dear Sir or Madam,

It is my pleasure to recommend Dominik Stipić as a candidate for engineering positions in machine learning and computer vision.

I have known Dominik since spring 2018, when he enrolled a BS seminar under my supervision in the 4th semester of his BS curriculum at UniZg-FER. His seminar addressed basic deep learning approaches for computer vision. In the next semester, he participated in a student project as a member of a group of ten students. Their goal was to implement basic procedures for elementary deep learning under Numpy and Pytorch. In his 6th BS semester, Dominik completed a BS thesis in the field of object detection. He studied the Mask RCNN architecture and applied it for detection of football players. The mask head was switched off, he used only the box regression output. Overall, the quality of that work was very good.

In spring 2021, he took an MS seminar on accelerated deep learning. In particular, he described experiments with multi-threaded loading and half precision inference. In spring 2022, he defended his MS thesis in the field of domain adaptation. He performed semantic segmentation experiments on INRIA buildings by leveraging Cycle GAN and CyCADA models.

In all mentioned activities Dominik was competent and self motivated. He has a working knowledge in machine learning approaches for computer vision. I therefore think that he is a competitive candidate for engineering positions in computer vision and machine learning. Please do not hesitate to contact me in case you have any further questions.

Sincerely,

Siniša Šegvić