Computer Vision and Deep Learning for Pedestrian Detection

Oliver Alan Stafurik	2444536S
Simona Holubkova	2483856H
Filip Vyrostko	2479054V
Jakub Jelinek	2478625J

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Team member contribution

Jakub Jelinek - 2478625J

- L3 Review for "A Review of Intelligent Driving Pedestrian Detection Based on Deep Learning"
- L3 Review for "Byte-Track: Multi-Object Tracking by Associating Every Detection Box"
- L3 Review for "Enabling Pedestrian Safety Using Computer Vision Techniques: A Case Study of the 2018"
- Articles 8,9,10 in the Literature review + Conclusion
- Researching topic and looking for relevant papers

Simona Holubkova - 2483856H

- L3 Review for "Fused DNN: A Deep Neural Network Fusion Approach to Fast and Robust Pedestrian Detection"
- L3 Review for "G-YOLOX: A Lightweight Network for Detecting Vehicle Types"
- L3 Review for "Pedestrian Movement Direction Recognition Using Convolutional Neural Networks"
- Proof-checking whether every paper is peer-reviewed
- Researching topic and looking for relevant papers

Filip Vyrostko - 2479054V

- L3 Review for "Applications of Deep Learning Techniques for Pedestrian Detection in Smart Environments: A Comprehensive Study"
- L3 Review for "Deep Learning Approaches on Pedestrian Detection in Hazy Weather"
- L3 Review for "Joint Deep Learning for Pedestrian Detection"
- References in LaTeX
- LaTeX organisation
- Researching topic and looking for relevant papers

Oliver Alan Stafurik - 2444536S (me)

- L3 Review for "Computer vision and deep learning techniques for pedestrian detection and tracking: A survey" (Only 1 L3 review because of the 5 Paper I've read, most were irrelevant to our Literature Review)
- Most of the Literature Review (Introduction + Articles 1 - 7)
- Team organisation (creating Discord channel, organising meetings, organising final push before deadline)
- Title page in the LaTeX + other LaTeX work
- Proof-reading: Syntax & Grammar Checks & L3 adjustments to a few L3 reviews
- Researching topic and looking for relevant papers