The 3-Clause BSD License. *Open Source Initiative* [online]. 1998 [cit. 2018-05-02]. Dostupné z: https://opensource.org/licenses/BSD-3-Clause

*Python* [online]. Python Software Foundation, 2001 [cit. 2018-05-02]. Dostupné z: https://www.python.org/

*OpenCV library* [online]. Santa Clara: Intel Corporation, Willow Garage, Itseez, 2000 [cit. 2018-05-02]. Dostupné z: https://opencv.org/

*NumPy* [online]. 2006 [cit. 2018-05-02]. Dostupné z: http://www.numpy.org/

LOWE, David. The Computer Vision Industry. *The University of British Columbia* [online]. Vancouver, 2015 [cit. 2018-05-02]. Dostupné z: https://www.cs.ubc.ca/~lowe/vision.html

*Mobileye: Autonomous Driving & ADAS (Advanced Driver Assistance Systems)* [online]. New York: Mobileye, 1999 [cit. 2018-05-02]. Dostupné z: https://www.mobileye.com/

Microsoft LifeCam Cinema. In: *Microsoft* [online]. 2011 [cit. 2018-04-13]. Dostupné z: https://compass-ssl.microsoft.com/assets/74/aa/74aa4472-64c4-441a-a455-95f075739946.jpg?n=ic\_lcc\_large.jpg

*Python Package Index* [online]. Python Software Foundation, 2014 [cit. 2018-05-02]. Dostupné z: https://pypi.org/

Free Public Domain CC0 Image: Brown And Black Lighted Flower Bud Picture. Image: 86220326. In: *Dreamstime* [online]. Bucharest, 2011 [cit. 2018-05-02]. Dostupné z: https://www.dreamstime.com/brown-black-lighted-flower-bud-public-domain-image-free-86220326

Welcome to opencv documentation!. *OpenCV 2.4. documentation* [online]. opencv dev team, c2011-2014 [cit. 2018-05-13]. Dostupné z: https://docs.opencv.org/2.4/

Pattern. In: *OpenCV documentation* [online]. opencv dev team, c2011-2014 [cit. 2018-05-13]. Dostupné z: https://docs.opencv.org/2.4/\_downloads/pattern.png

Camera calibration With OpenCV. *OpenCV Documentation* [online]. opencv dev team, c2011-2014 [cit. 2018-05-13]. Dostupné z: https://docs.opencv.org/2.4/doc/tutorials/calib3d/camera\_calibration/camera\_calibration.html

Cascade Classification. *OpenCV Documentation* [online]. opencv dev team, c2011-2014 [cit. 2018-05-13]. Dostupné z: https://docs.opencv.org/2.4/modules/objdetect/doc/cascade\_classification.html

VIOLA, Paul a Michael J. JONES. Robust Real-Time Face Detection. *International Journal of Computer Vision* [online]. Kluwer Academic Publishers, 2004, **57**(2), 137–154 [cit. 2018-04-13]. Dostupné z: http://www.vision.caltech.edu/html-files/EE148-2005-Spring/pprs/viola04ijcv.pdf

GOKHALE, Apoorva. Haar Cascades Explained In 2 Minutes!. In: *Society of Robotics and Automation VJTI* [online]. c2011-2014 [cit. 2018-05-13]. Dostupné z: http://sra.vjti.info/blog/blog-posts/image-processing-haar-cascades-explained-in-2-minutes

PATEL, Savan. Chapter 6: Adaboost Classifier: Machine Learning 101. *Medium* [online]. 2017. Dostupné také z: https://medium.com/machine-learning-101/https-medium-com-savanpatel-chapter-6-adaboost-classifier-b945f330af06

Face Detection using Haar Cascades. *OpenCV* [online]. Santa Clara: OpenCV Team [cit. 2018-04-13]. Dostupné z: https://docs.opencv.org/3.3.0/d7/d8b/tutorial\_py\_face\_detection.html

BALL, Thorsten. TRAIN YOUR OWN OPENCV HAAR CLASSIFIER. *Coding Robin* [online]. 2013 [cit. 2018-04-13]. Dostupné z: http://coding-robin.de/2013/07/22/train-your-own-opencv-haar-classifier.html

*BatchCrop: Image cropping made easy!* [online]. Istanbul: Atarca Software, c2018 [cit. 2018-04-15]. Dostupné z: http://www.batchcrop.com/

REZAEI, Mahdi. *Creating a Cascade of Haar-Like Classifiers: Step by Step* [online]. Auckland [cit. 2018-04-13]. Dostupné z: https://www.cs.auckland.ac.nz/~m.rezaei/Tutorials/Creating\_a\_Cascade\_of\_Haar-Like\_Classifiers\_Step\_by\_Step.pdf. Tutorial. University of Auckland.

HANDAGA. Tutorial-haartraining. In: *GitHub* [online]. San Francisco, 2008 [cit. 2018-05-14]. Dostupné z: https://github.com/handaga/tutorial-haartraining/tree/master/data/negatives

BABENKO, Boris, Ming-Hsuan YANG a Serge BELONGIE, ZHAO, Kelsie, ed. Visual Tracking with Online Multiple Instance Learning. In: *Stanford Vision Lab* [online]. Stanford, 2015 [cit. 2018-04-13]. Dostupné z: http://vision.stanford.edu/teaching/cs231b\_spring1415/slides/MIL\_kelsie.pdf

CALIN, G. a V. O. RODA. Real-time disparity map extraction in a dual head stereo vision system. In: *Scientific Electronic Library Online*[online]. Bahía Blanca, 2006 [cit. 2018-04-13]. ISSN 0327-0793. Dostupné z: http://www.scielo.org.ar/scielo.php?script=sci\_arttext&pid=S0327-07932007000100005

SAVARESE, Silvio. A visual representation of the variables used in image rectification example. In: *Wikipedia* [online]. San Francisco: Wikimedia Foundation, 2014 [cit. 2018-04-13]. Dostupné z: https://en.wikipedia.org/wiki/Image\_rectification#/media/File:Lecture\_1027\_stereo\_01.jpg

RAMBHIA, Jay. Disparity Map: Computer Vision. *Jay Rambhia's Blog* [online]. 2013 [cit. 2018-04-13]. Dostupné z: http://www.jayrambhia.com/blog/disparity-mpas

Camera Calibration and 3D Reconstruction. *OpenCV documentation* [online]. Santa Clara: OpenCV Team, 2014 [cit. 2018-04-13]. Dostupné z: https://docs.opencv.org/2.4/modules/calib3d/doc/camera\_calibration\_and\_3d\_reconstruction.html