
SENIOR AI/ML ENGINEER – CANDIDATE A4



Profile

Computer Vision specialist with 9 years of experience in mobility and autonomous systems. Built end-to-end CV pipelines for real-time object detection, localization, and tracking.

Experience

CV Engineer, AutoVision AG; Stuttgart, Germany — 2020–Present
Developed YOLOv5-based object detection system for autonomous driving. Achieved 97% mAP in road environments.

AI Engineer, RoboDrive Systems; Karlsruhe, Germany — 2017–2020
Built depth estimation models with stereo vision and OpenCV. Contributed to ROS stack integration.

Research Assistant, Fraunhofer IOSB; Mannheim, Germany — 2015–2017
Published 3 papers on vision-based vehicle tracking. Worked on SLAM and real-time video analytics.

Education

TU Darmstadt, Darmstadt — M.Sc. Robotics and Computer Vision, 2015
Boğaziçi University, Istanbul — B.Sc. Electrical Engineering, 2012

Skills

Python, YOLOv5, OpenCV, TensorFlow, ROS, CUDA, Docker, C++, PyTorch, Computer Vision

Awards

Udacity Self-Driving Car Engineer | CVPR Workshop Winner | GCP ML Certificate