# FPGA / Computer Vision engineer  (Germany)

HOPPE
Executive Search

## Description

Hoppeexecutivesearch is looking for doctorates/PhD and Master's degree with experience in Computer Vision, Machine Learning and Deep Learning.

Hoppeexecutivesearch offers jobs in Europe and around the globe with leading and innovative clients. Candidates with our agency already competitions and challenges in Deep Learning and Visual Recognition and Speech Recognition.

We supply to highly international teams in corporate research.

## Requirements

As a FPGA / Computer Vision engineer you will design and implement computer vision algorithms on reconfigurable hardware for autonomous driving. You will be responsible for estimating, design, implementation and testing in complex algorithms realized in hardware description languages.

Your profile:

- At least a Bachelor's degree or equivalent in Computer Science, Computer Engineering, Software Engineering or other relevant field of study. Alternatively work experience in the field of FPGAs of at least 1-2 years;
- You are preferably from one of the best institutes in Europe, Middle-East, Asia/Pacific or the US;
- Excellent knowledge of FPGAs and FPGA SoCs;
- Excellent knowledge in VHDL;
- Experience Computer Vision;
- Knowledge of camera hardware and optics;
- Fundamental-level proficiency in Linux environment;
- Experience with camera configuration;
- Experience developing with C++;
- Fluent in English, both written and spoken.

## Activities

- Design and implement high-performance, concurrent and time-critical sensor hardware architectures e.g. for camera systems;
- Develop and simulate models for logic circuits such as FPGAs using VHDL;
- Analyse, specify and structure system requirements;
- Research, test and integrate reliable and cost-efficient hardware components;
- Create documentations and schematics for sensor systems;
- Define interfaces of system elements and ensure their consistency;
- Develop and perform system integration and qualification tests;
- Control modifications and releases using configuration management mechanisms as well as verify and maintain their integrity;

- Develop solutions that meet the requirements of our teams and projects;
- Be up to date with the state of the art in computer vision and apply knowledge to our challenges.

**Benefits**

You will receive a competitive package, be part of a top team in autonomous driving. You can make visits to our international offices abroad also, and participate in leading conferences.

- Location: Germany. Visa sponsorship possible. Also remote work possible
- Duration: fulltime contract
- Start date: As soon as possible. Candidate selection is ongoing already, but no final selection has been made yet.
- Contact Name: Casper Hoppe Email: casper@hoppeexecutivesearch.com or use the online application form on :
  **https://hoppeexecutivesearch.workable.com/jobs/242494/candidates/new**