

Machine Vision Project Engineer

Job Description

We are looking for passionate engineers to join our small but eager team. Located in Ankara, METU TECHNOPOLIS OSTİM, our main scope is vision based localization and tracking solutions, but the company is also involved in innovative product designs, forged in the hands of a talented, multi - disciplinary team. As a part of this team, the candidate will be working with a variety of clients and technologies and will develop client vision systems: concept, design, component selection, imaging software development, assembly and installation; utilizing expert vision inspection techniques and software applications and collaborate with experienced team members to overcome project obstacles.

Required Skills

- B.Sc. and/or M.Sc. in relevant engineering fields
- Good knowledge of and experience in C++ and/or Python
- Experience in OpenCV, Matlab
- Experience in camera hardware (sensor, lens, interfaces etc.), processing hardware (GPU's, SBC's etc.) and Embedded Linux environment
- Familiarity with Systems Engineering approach in designing complex systems
- Can carry out relevant experiments, including: test data collection/build, perform relevant processing, analyze output and fine-tune the algorithms/parameters accordingly
- Excellent Googling skills
- Eagerness and agility about learning and innovating
- Excellent communication skills
- No travel obligation
- Proficiency in English (written & spoken)

Valued Skills

- Prior experience in a relevant engineering field is highly valued, but the team has openings from entry level to expert
- Familiarity with communication protocols (I2C, SPI, Serial etc.)
- Familiarity with PCB Design
- Familiarity with Linux/Unix Shell environments
- Familiarity with Robot Operating System (ROS)
- Familiarity with machine learning topics and frameworks
- Can read & understand state-of-the art research papers, implement and test their algorithms in related field
- Experience in cross-compilation tools (such as CMake, Qt, etc.)
- Experience in preparing periodical project documentation and attending relevant meetings
- No military obligation
- B-class driving license

Applications:

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