**INTERNSHIP POSITION**

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| **Topic**  | Robotic workplace control with use of Unistream PLC |
| **Specification/****Programme**(min. 100 words) | The project deals with a control of a robotic workplace by the Unistream PLC. Current workplace consists of two Kuka KR16 robots, a Cartesian manipulator and a conveyor and it is used for study purposes. The task will be to set a communication between those entities and to set a safety protocol for this workplace.The project results will be summarized in the final report. |
| **Time period** | September 2023 to October 2023 |
| **Length of the traineeship - number of months** | 2 months |
| **Supervisor´s name and contact**  | Ondrej MatúšekTechnical University of LiberecFaculty of Mechanical EngineeringDepartment of Glass Producing Machines and RoboticsStudentská 1402/246117 LiberecOndrej.matusek@tul.cz |
| **Administrative Contact** | Marcela Valkova, marcela.valkova@tul.cz  |
| **Documents required** | CV, Letter of motivation, Transcript of Records |