**OMIC INTERNSHIP JOB DESCRIPTION**

**JOB TITLE: Basic Robots I**

**JOB SUMMARY**: This internship will require you to work on a team tasked with developing elements of a robotic solution that can be deployed in a light manufacturing setting. In this internship you will work with a mentor to develop effective routines and simple robotics designs identified for solving real world manufacturing problems. The focus of the task is to be determined, based on the skills of the mentor identified. The job requires 20 hours per week for 8 weeks onsite at the OMIC location in Scappoose, Oregon. is required for this position.

**QUALIFICATIONS OF POSITIONS:**

* Must be 16 to 18+ years of age
* Ability to work professionally with others and to communicate effectively (both orally and in writing) with elementary students and staff
* Ability to understand and follow oral and written instructions
* Ability to take instruction from your assigned mentor(s)
* Must be capable of self-motivation to work on and finish assigned projects
* Must be willing to abide by the business policies of OMIC
* Prior knowledge of a robotics programming knowledge is a plus, but not required
* Possess knowledge of English usage. Including
	+ have some programming experience
	+ Must be comfortable using a Windows-based PC platform with the Windows operating system
	+ Must be able to take instruction and adhere to OMIC standards as determined by your mentor
	+ Previous robotic building or programming experience is a bonus
* Perform physical requirements which may include:
	+ Most of the work is on-sight at the OMIC facility in Scappoose, OR.
	+ But must also be able to work from home via a PC and Internet access as required
	+ Must be able to interact effectively with a computer for multiple hours a day
* We are looking for interns with a strong desire to learn how to solve a variety of business problems by employing robots in an efficient and effective way.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

* Learn how to efficiently apply robotics to a particular business problem.
* Work with your mentor to formulate a strategy for solving the business problem within the robot software you will develop
* Good oral communication is required and an ability to listen to instruction from your mentor
* You will be required to become proficient on the latest version of the robotic software to assist in developing interactive manufacturing floor experiences; all training materials will be provided.
* Must be able to dedicate a minimum number of hours per week to your personal training and the work required to deliver projects in a timely fashion