

## Experience AI Application

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No.	Name	Description	Lesson	Industry	Equipment	Note	Accessory Package
Project 1	Hamburger Making	Speak out to select the hamburger type and then, robot makes the hamburgers.	1	Service	Robot Arm	Save manpower/labor cost. No Need for touch, more sanitary.	Prepare bread, vegetables, meat slices (chicken, beef), cheese slices, sauces, etc.
Project 2	Garbage Classifying Robot	The robot recognizes the garbage card then puts it into the according can.	1	Environmental Protection	Robot Arm	Robots help humans sort garbage automatically.	Card or garbage model, garbage can
Project 3	Parcel Sorting Robot	The robot recognizes the information on the parcel list and sorts the parcels to different trucks.	1	Logistics	Robot Arm	Sort by area, trucks are drawn on the map Save labor cost	4 parcels, stickers with address
Project 4	Packaging Robot	The robot packs products into boxes, puts different goods into different boxes, and closes the lid	1	Industry	Robot Arm	Save human cost.	Carton, Cargo
Project 5	Bartending Robot	Speak out to select the beverage.	1	Service	Robot Arm	Save human cost. No Need for touch, more sanitary.	Beverage bottle model
Project 6	Hotel Smart Robot	The robot delivers food, chargers and other items to guests in designated rooms	1	Service	Robot Arm	Save human cost. No Need for touch, more sanitary.	Fast food box
Project 7	Catering Robot	The robot has a built-in camera with learning data and depth sensor to identify fried chicken nuggets in bulk.	1	Service	Robot Arm	The robot can ration food avoiding giving more or less when serving meals	Chicken leg, fish, broccoli model
Project 8	Constructing Robot	The robot stacks buildings of different shapes	1	Industry	Robot Arm	Save human cost. Improve accuracy and quality.	Blocks of different blocks
Project 9	Smart Parking	Task 1: Recognize the Vehicle Registration Plate The robot recognizes vehicle registration plate number	1	Security	Vehicle	Different vehicle registration plates in line with different parking spaces to improve safety	Vehicle registration card
		Task 1: Build a Smart Railing System When the robot recognizes the vehicle registration plate number of resident of the community, the resident can pass.	1				Integral gate (with steering gear)
Project 10	Smart Library	Task 1: Build a Smart Borrowing System Build a face recognition system.	1	Education	Robot Arm	Eliminate library card, avoids the risk of library card loss, and reduces manpower input.	Book model, library map
		Task 1: Smart Book Return Build a book return system by OCR.	1				
Project 11	Smart Canteen	Task 1: Order by Speech Speak out to order, and then the robot recognizes and offers the one in need.	1	Service	Robot Arm	Save human cost. No Need for touch, more sanitary, higher accuracy.	Chicken leg, fish, broccoli model
		Task 1: Pay by Face Build a face recognition system.	1				
Project 12	Smart Farm	Task 1: Pick Radishes The robot recognizes radishes accurately and then pick up them.	1	Agriculture	Robot Arm	Sort according to color, size and shape. Save manpower and improve efficiency	Radish (green radish and white radish of different colors and shapes), basket model, farm map
		Task 2: Sort Radishes The robot recognizes radishes of different types and sorts them into different boxes.	1				