



Internship - Data Science Analyst

Job description

The student, as part of the Automation Process & Equipment (APE) team and under the guidance of an assigned mentor, will undertake projects working on the deployment of an image recognition system using artificial intelligence for backend package inspection.

In your new role you will:

- Develop a process flow for the **utilization of artificial intelligence** to inspect packages
- Define **classification criteria together with stakeholders** and perform **image annotation**
- **Verify AI model output** by validating images with assigned classification
- **Test AI software** to ensure functionality as well as recommend feature enhancements
- Work on **documentation of process flow, control documents, failure-mode-analysis** etc.

Internship learning outcomes:

- Learn how **automatic optical inspection tools** are used to visually screen packages for defects
- Understand the **various visual failure modes** for **package inspection**
- **Work on a project to deploy artificial intelligence** in the inspection of backend packages

Profile

You are best equipped for this task if you have:

- On track to attain Bachelor in **Computer Science / Computer Engineering**
- Able to write scripts in **Python**
- Have fundamental understanding of **Artificial Intelligence** and **Machine Learning**
- Able to design dashboards on **Tableau**
- An interest in the **semiconductor manufacturing** and considering a career in this industry

Why Us

At a glance

Location: **(Singapore)**
Job ID: **336626**
Start date: **as soon as possible**
Entry level: **0-1 year**
Type: **Full time**
Contract: **Temporary**

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