

Introduction

Rihal is an Omani established company that specializes in Data Management and Process Automation. Established in 2018 Rihal quickly became synonymous with accomplishment and quality delivery. Projects are accomplished using in-house built IP combined with international recognized IP. Rihal focuses mostly on Engineering data management solutions, but also performed projects for Shared Services departments.

Job Requirement

We are looking for software engineer/developers that are resourceful, curious, tech savvy eager to learn and face challenges to work on the development of the platform and directly working on projects.

How to apply?

To apply for the job please follow the below steps:

1. Develop a software program that will solve the task mentioned below.
2. Send your solution program in Git/Github to careers@rihal.om
3. Also attach **proper** instructions of how to use your solution, and the methodology followed.
4. Please do **NOT** send CV. All CV's without a solution will be ignored!

Solution Requirement

The picture shows 1st, 2nd and 3rd generation people:

- Circle represents the 1st generation
- Triangle represents the 2nd generation.
- Square represents the 3rd generation.

You will need to create a software that will do the following.

1. OCR the content
2. Identifies which generation is the person, based on the shape it's in.
3. Establish relations, i.e.:
 - a. Raad is Aya's father.
 - b. Juma is Mundhir's grandfather.
 - c. Badr is Khalid's Son.
4. Come up with a way to show all relations in a user-friendly manner. (Be Creative!)

The image is on the second page. Best of luck!!

