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# SOFTWARE ENGINEER

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## 1. Entry requirements

Initial volunteers or interns' seekers with the qualifications specified below will be initially considered.

The role itself is designed for an experienced or mid-level software engineer with ability to conduct the GOH project development, and have good team work abilities. The main objective for the candidate will be to develop the software on each of the phases and contribute with the design he next phase along with the team leader and team members.

## 2. Skills required

- Computer Science fundamentals and programming knowledge is desirable
- Image recognition technologies knowledge
- Data modelling and evaluation
- Probability and statistic highly desirable
- Machine learning algorithms and libraries highly desirable
- Cloud computing experience
- A minimum of 3 years of experience in software engineering and systems design
- Strong Java programming experience
- Python programming highly desirable
- SQL programming and basic knowledge of SQL Server
- The ability to design, implement and test software components
- The ability to work in an Agile environment
- Experience with Big Data technologies such as Hadoop, Spark and graph databases is preferable

## 3. Qualifications

A degree in software engineering, computer science, mathematics or statistics

## 4. Responsibilities

- Execute full software development life cycle (SDLC)

- Database programming and maintenance
- Image classifier tools integration
- Conduct research and feasibility study of new projects
- Document and maintain software functionality
- Troubleshoot, debug and upgrade existing systems
- Ensure software is updated with latest features

## 5. Salary

- Salaries for junior or entry-level software engineers can range from \$45,000 to \$65,000.
- Mid-level and senior software engineers between \$70,000 and \$100,000.
- Lead developers between \$105,000 and \$130,000.

Figures could change. Initially volunteers and interns will be taken into consideration for further perm role.

## 6. Working hours, patterns and environment

The applicant will initially work via online with weekly meetings to check the progress of the campaigns and strategy planning.

As per the contract conditions (Part-time, Full-time or casual basis) the salaries and schedule will vary. Initially the weekly hours spend on the project will be tracked and the payments will be determined according to the time invested.

## 7. Career path and progression

With experience, and growth of the organization, the position could be transformed into a lead role.