

MOHAMED RAMZY SOLIMAN

Landscape engineer

☎ 01092350988

✉ ramzym411@gmail.com

SUMMARY

Agricultural Engineer specialized in Horticulture (softscape) , with Practical training and academic experience in Landscape Design and maintenance, Skilled in irrigation network design (sprinkler and drip systems), hydraulic calculations, and preparation of irrigation schedules. Knowledgeable in technical office documentation cycle, tender documents review, project pricing methods, and Tender Backedge analysis within landscape projects.

SKILLS

TECHNICAL OFFICE SKILLS

- ❖ Knowledge of **technical office document** cycle for landscape projects.
- ❖ Preparation and review of **shop drawings and as-built drawings**.
- ❖ Knowledge of project pricing methods and cost estimation.
- ❖ Review and analysis of tender documents and specifications Familiarity with **BOQ preparation and Tender Backedge analysis** .
- ❖ Preparation of **project invoices** and maintenance and organization of document control logs for project correspondence and approvals.

Irrigation Design & Calculations

- ❖ Design of irrigation networks (sprinkler and drip systems).
- ❖ Hydraulic calculations for irrigation networks.
- ❖ Preparation of irrigation schedules and rotation plans.
- ❖ Knowledge of pipe and valve Flows and Sizes.
- ❖ Knowledge of Hunter and Rainbird products.

SOFTSCAPE KNOWLEDE

- ❖ Plant selection based on environmental requirements and water needs.
- ❖ Knowledge of ornamental plants classification (trees, shrubs, groundcovers, climbers) and usage in landscape design.
- ❖ Understanding of plant roles within landscape layouts (aesthetic, shading, hedging).
- ❖ Basics of **landscape maintenance management**, including scheduling of **fertilization and pest control program**.

Software & Tools

- ❖ **AutoCAD – Rain CAD**
- ❖ **Microsoft office programs (excel – word – PowerPoint)**
- ❖ **Sketch up & Lumion**

* Realtime Landscape Architect

Experience & Training

Landscape Engineering Trainee – FAO Model (Know Career Event) (July - September 2023)

- Participated in an intensive training program focused on landscape design principles and modern irrigation systems
- Conducted a field visit to an ornamental plants nursery in “Jazirat El-Manial” under the guidance of a Landscape Consultant and supervision of the FAO Model, gaining practical exposure to plant identification and usage in landscape projects.

Landscape Technical Office Diploma (Online) 2024 المكتب الفني لأعمال اللاندسكيب م/ إسلام الشاعر

- Training covering the **full technical office workflow for landscape projects.**
- Understanding the **project document cycle**, including correspondence and approvals.
- Review and analysis of **Tender Package documents.**
- Preparation of **shop drawings** for landscape and irrigation works.
- Preparation of **project invoices.**
- Pricing and cost estimation for **irrigation and planting works.**
- Design of **irrigation System (sprinkler and drip systems)**, including pipes and valves specifications.
- Performing **hydraulic calculations** for irrigation networks.
- Preparation of **irrigation schedules and rotation plans.**

Landscape Maintenance Trainee – Landmark Landscaping Company (JULY 2025)

Open Air Mall, Madinaty (On-Site Training)

- Gained experience in **maintenance management of landscaped areas.**
- **identifying pests and diseases**, and applying control methods.
- Knowledge with pesticides, active ingredients, and application methods used in landscape maintenance.
- Training conducted under the supervision of Eng. Galal Abdelhady

Landscape Maintenance & Project Management Trainee – Lotus Landscape

(Online) Under supervision of Eng. Hossam El-Masry - (Dec2025-current)

- Participating in landscape maintenance and project management, including planning, scheduling, and execution of green area care
- Gaining hands-on experience in plant care, fertilization, pest & disease management, and ornamental plant maintenance
- Exposure to irrigation system operation, maintenance, and integration with landscape management
- Learned site inspection, plant classification, and operational basics of landscape maintenance

EDUCATION

Bachelor of Agricultural Science – Horticulture

Ain Shams University, Cairo, Egypt | Graduated: 2025

LANGUAGES

- Arabic – Native
- English – Very Good (Reading, Writing, Speaking)

PERSONAL INFORMATION

- **Marital Status:** Single
- * **Military Status:** Exempt (إعفاء نهائي)
- * **Address:** Ain Shams, Cairo