

# Irrigation Technician

# Robert Kim

## Professional summary

Skilled Irrigation Specialist with experience optimizing water systems for residential and commercial landscapes. Committed to sustainable design, efficient maintenance, and clear client communication.

## Experience

### Irrigation Technician

April 2020 - Now

EcoSpray Landscape Irrigation / Sacramento, CA

- Install, troubleshoot, and upgrade drip, spray, and smart irrigation systems.
- Perform water audits, pressure tests, and valve repairs.
- Provide clients with water-saving strategies and system care tips.

### Junior Technician

March 2018 - March 2020

Green Root Systems / Elk Grove, CA

- Maintained and inspected irrigation lines, zones, and components to ensure proper functionality, conducting regular checks for leaks, clogs, and blockages.
- Replaced faulty valves, timers, and rain sensors; performed diagnostic tests to identify system malfunctions and ensured accurate system programming to optimize performance.
- Assisted with post-installation system calibrations to ensure that irrigation coverage met project specifications and adhered to water-saving guidelines.

### Landscaping Assistant (Seasonal)

May 2016 - September 2017

Riverbend Grounds & Irrigation / Sacramento, CA

- Dug trenches using hand tools and power trenchers, followed by precise pipe placement, backfilling, and compacting to restore site conditions with minimal disruption.
- Performed minor system repairs, such as replacing nozzles, repairing leaks, and adjusting spray patterns; supported senior technicians during pressure testing and system start-ups.
- Gained practical knowledge of landscape design principles, plant placement, and sustainable irrigation methods, including drip systems and rain sensor integration for water conservation.

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📍 United States, Sacramento, CA

## Education

### Certificate in Irrigation Technology

Sacramento City College

Completed: 2017

## Certifications

- EPA WaterSense Certified Irrigation Auditor (2021)
- Member, California Irrigation Association

## Skills

Irrigation system design & diagnostics ◆◆◆◆◆

Smart controller programming ◆◆◆◆◆

Pressure regulation & valve maintenance ◆◆◆◆◆

Water efficiency strategies ◆◆◆◆◆

PVC/poly piping installation ◆◆◆◆◆

Client education ◆◆◆◆◆

## Languages

- ◆ English (fluent)
- ◆ Korean (conversational)

## Awards

- 🏆 Outstanding Technician Award, EcoSpray Landscape (2022)
- 🏆 Water Efficiency Champion, Sacramento Green Expo (2021)