

## **Internship: Control System Modelling @ Desolenator**

Title: Junior Engineer

Location: Desolenator HQ, Ankerkade 141, 6222 NL Maastricht

Start Date: June (flexible)

Duration: 2-3 months

### **Description**

Desolenator is a clean technology start up developing a solar-powered desalination technology. We have constructed our first pilot plant and are now scaling up the plant to a larger capacity.

The engineering team is working on the design of the larger plant and would like to start developing the control system. To aid this, we would like to develop a Simulink model of the plant to test the control system. We have an internship opening to model the plant on Simulink.

### **Internship Responsibilities**

- Development & testing of a Simulink model of a solar-powered desalination plant

### **Intern Requirements:**

- Currently undertaking (or recently finished) a degree in Controls Systems Engineering or similar
- Previous experience modelling control systems in Simulink
- A self-starter
- A desire to tackle the water crisis sustainably