



## Data Scientist

### About AusDiagnostics

Headquartered within Sydney Australia, AusDiagnostics is a leading manufacturer of a range of molecular diagnostic instrumentation and reagents servicing human, veterinary and food diagnostics markets. We are committed to achieving excellence in all that we do, with the primary goal of improving patient healthcare within society.

**JOB TYPE:** Full Time

**LOCATION:** Mascot, Sydney

#### **MAIN DUTIES/RESPONSIBILITIES:**

AusDiagnostics is currently looking for someone to join the automations development team as a technologist. The person that fills this role will be responsible for developing components of assays and algorithms that will form part of laboratory automations products and strategies. Tasks and responsibilities of the role will include:

#### **Essential requirements for this role:**

- Working with a team to create strategies for robotic script development
- Independently developing flow charts and algorithms to achieve specified results
- Independently developing scripts in a variety of high-level programming software.
- Working in a team to integrate scripts developed by various team members to achieve a common goal
- Testing and validating software to ensure that it achieves the desired goal.
- A bachelor's degree or higher in biomedical sciences, molecular biology, biochemistry, computer sciences or software development
- Experience with simple high-level scripting, such as scratch, labviewer, Simulink or similar.
- Ability to create and understand flow charts and simple algorithms
- Ability to work independently and in a team.

**The ideal candidate will have the following:**

- Experience in both biological sciences and algorithms
- A proven track record developing simple algorithms in a high level language
- Experience conducting simple science experiments to collect data to support a hypothesis
- Experience writing scripts for liquid handling instruments, such as Tecan, Hamilton or similar

**Desirable Skills and Requirements:**

- Lab experience preferred
- Experience working with liquid handling robots