

Job Opportunity: Automation Tech Assistant (part-time/temporary)



Title: Automation Tech Assistant
Location: Bakersfield, CA
Work Schedule: Part-time; Temporary; 1-year
Hours per Week: 20-29 hours per week
Work Day Options: Monday through Thursday and every-other Friday off

**Not required to work each day. Hours can be arranged throughout the week to accommodate school schedules.*

JOB SCOPE

Are you someone who wants to gain hands-on experience while going to school? Do you want to get paid to apply your technical skills to derive automation and engineering solutions in the oil and gas industry? We are looking for motivated and creative individuals who can work part-time, while having the flexibility to work around a school schedule. If you are pursuing a degree in Computer Science, Computer Engineering, IT, Industrial Automation or related field, look at the job description below! This is an on-the-job training position that will help you develop technical skills in the oil and gas industry.

DID YOU KNOW?

California Resources Corporation (CRC), is the largest oil and natural gas producer in California on a gross operated basis! We operate our world-class resource base exclusively within the State of California, applying complementary and integrated infrastructure to gather, process and market our production. Using advanced technology, CRC's workforce of nearly 5,000 employees and contractors focuses on safely and responsibly supplying affordable energy for California by Californians.

JOB PREVIEW

In this role, you will create an understanding around our engineering and operational departments. You will do so by supporting the daily operations of our California assets through the configuration and development of a new process monitoring tool using our tag based historian (OSI PI) and a new surveillance system based on Inductive Ignition.

The successful applicant will work closely with multiple departments: Operations, Engineering, Automation, Reservoir Management, and Information Technology. This position will utilize Microsoft server architecture and OPC communication technology. Your work will help us transform process data into real-time process control information. Training in industrial applications will be provided!

WHAT WILL I DO?

- Create HMI (Human Machine Interface) Screens in Inductive Automation's Ignition (IGN).
- Create Reports in Ignition using SQL.
- Update and maintain existing HMI graphics within Inductive Automation's Ignition.
- Assist our Surveillance team with help desk tickets.

WHO YOU ARE

- Pursuing a degree in Computer Science, Computer Engineering, IT or related field or equivalent practical experience.
- Positive attitude regarding personal safety, the safety of co-workers, contractors and the public.
- Experience using Microsoft operating systems, Microsoft Visual Basic, Visual Studio .Net and other compiler languages.
- Familiar with network standards and industrial communication protocols.
- Proficient using standard ODBC, SQL tools for such databases as SQL Server, Oracle and MS Access.
- Knowledge of Python, C+ or Java, and programming.
- Basic understanding of Data Integration.

Recommended Pre-Requisite courses:

- C/C++ programming courses
- Assembly Language
- Database Systems
- Programming Languages
- Operating Systems
- Computer Networks

HOW DO I APPLY?

Log-in to your university's job career portal and refer to job "Automation Tech Assistant – part-time/temporary"

Deadline to apply: Sunday, July 5, 2020

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