

SCIENCE RESUME EXAMPLE

Atlanta, GA • youremail@email.com • (404) 625-9234

SUMMARY

Versatile Clinical Laboratory Scientist with expertise spanning hematology, clinical chemistry, immunology, and molecular diagnostics. Skilled in performing manual and automated testing procedures, interpreting quality control data, and maintaining inventory of supplies and reagents. Dedicated to providing exceptional patient care through accurate and timely test results.

PROFESSIONAL EXPERIENCE

SMITHFIELD HOSPITAL, Atlanta, GA
Clinical Laboratory Scientist

August 20XX–Present

- Perform a comprehensive range of diagnostic tests in the areas of hematology, chemistry, immunology, and microbiology, processing over 500 specimens daily
- Maintain stringent quality control measures, ensuring an error rate of less than 0.5% in test results
- Train and supervise 5 medical laboratory technicians, providing guidance on laboratory procedures and protocols
- Collaborate with physicians and healthcare professionals to ensure accurate and timely reporting of critical test results

HARGROVE CLINIC, Atlanta, GA
Laboratory Technologist

July 20XX–August 20XX

- Conducted specialized testing in the areas of molecular diagnostics and flow cytometry, contributing to the accurate diagnosis and treatment of over 200 patients annually
- Implemented a new inventory management system, reducing supply waste by 12% and saving \$25,000 in annual costs
- Served as a subject matter expert, providing training and mentorship to junior laboratory staff
- Participated in the development and validation of new laboratory testing methods and protocols
- Maintained accurate and detailed documentation of laboratory procedures and test results

EDUCATION

EMORY UNIVERSITY, Atlanta, GA
Bachelor of Science in Medical Laboratory Science
Honors: cum laude (GPA: 3.8/4.0)

May 20XX

ADDITIONAL SKILLS

- Specimen collection and processing
- LIS and data management
- Data analysis
- Knowledge of quality control protocols
- Complex problem solving

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JR Anderson



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web safety requirements color coding and painting requirements for industrial facilities are common to both major specification groups structures equipment and pipelines the following is a short description of the related saudi aramco standards dealing with or required to understand the use and application of paints coatings and linings

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web dec 26 2021 our primary palette consists of nine colors aramco green aramco blue dark green dark blue aramco gray dark gray neutral gray light gray and white these colors are used externally and internally across channels and touch points
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web in addition the following safety color designations have been used in company facilities and shall continue to be acceptable for use as safety colors for existing and new facilities safety red ral¹ 3000 bs² 538 537 fs³ 31350 safety green ral 6016 bs² 538 262 fs 14120 safety yellow ral 1023 bs² 538 363 fs 13591 23640 safety orange

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web saudi aramco desktop standards 7 saes b 067 this standard describes the mandatory safety color coding for equipment and piping in saudi aramco facilities to identify potential hazards and alleviate fire and safety concerns and specifies the following specific paint colors to identify piping and equipment in fire

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web 4 aramco standards color coding 2020 02 13 enters into force on 1 january 2013 the associated guidelines which assist states and industry in the implementation of marpol annex v have been reviewed and updated and two guidelines were adopted in march 2012 at mepc s sixty third session the 2012 edition of this publication contains the 2012

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web requirements 4 1 general 4 1 1 pipes vessels valves and related structural supports shall be painted a neutral background color such as aluminum gray or black which will not detract from the high visibility of the safety colors set out in this specification for coating selection see saes h 001

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web v i r i v r as you can see in this circuit diagram we use an r1 load resistor to convert current into voltage in this circuit a voltage divider is used but we can also use an operational amplifier to step down the voltage across the load resistor how to measure the secondary side current of ct

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web you mean with a microcontroller the impedance note about analog sources probably means that if the sources are higher than 2 5k the input on the pic will start to load them down you usually want a source impedance to be at least ten times smaller than the load impedance so that it is not disturbed by the load impedance

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web pic voltage measurement ask question asked 13 years 9 months ago modified 13 years 9 months ago viewed 3k times 10 i am running a battery powered device and would like my microcontroller pic to report on the supply voltage this is so i can determine how many batteries is used in the supply and also the state of charge of the battery pack

true dc rms meter using core independent peripherals on 8 bit pic - Dec 27 2021

web this technical brief demonstrates a solution for measuring the true dc rms of a periodic dc waveform using the core independent peripherals cips that are found on the pic18 microcontrollers the project uses less code and cpu cycles since the averaging operation frequency calibration and data transfer are implemented using the cips

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web the pic micro reads the input voltage through one of the 8 analog channels and convert it to a 10 bit digital number using the internal adc doing some math with adc conversion you will see later this number can be converted to the actual measured voltage the voltage is displayed in an hd44780 based character lcd

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web may 20 2012 adc module of pic microcontroller converts the signals on its analog pin to 10 bit binary data and it has software selectable high and low voltage reference input to some combination of vdd vss ra2 and ra3 the analog input to pic is limited to vss and vdd voltages 0 5v of pic this circuit is designed to measure 0 to 30v

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web jun 27 2017 so we see that there are some parameters of ac voltage such as peak voltage rms voltage line frequency wave shape etc in this project we will not measure the wave shape we will measure the peak voltage rms voltage and line frequency to make the project easy and understandable

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web jul 12 2022 this pic mcu project shows how to measure ac voltage up to 500v using pic18f46k22 8 bit microcontroller the rms effective value of the voltage under measure is sent to pc which can be printed on any serial monitor software and also displayed on 16 2 lcd screen

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web mar 19 2015 i ve just made and succesfully tested code to measure the voltage on an4 analog pin now i want to try something else not quite sure if it s theoretically possible my test board has a pic processor with vdd avvd connected to a supply ranging from 0 if the battery is empty disconnected to 4 2 full battery

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using current transformer and difference amplifier how to use show

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web jul 30 2023 the diagram below shows the simulation results of an ac voltage measurement project the lcd displays a reading of 220 volts ac which is measured using a microcontroller and the necessary components connected to it including a potential transformer how to measure ac voltage using pic microcontroller

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web i am working with a pic micro controller with inbuilt 10bit adc and want to measure a voltage in the range of 1 to 3volts i thought of using an op amp in the inverting mode to make voltage positive and then feed it to the adc of the microcontroller however here i would have to power the opamp with a negative power supply right

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web the pic18f4520 is a 40pin microcontroller with numerous functions and applications one of its many functions is analog to digital conversion through this the pic is capable of reading an analog voltage and turning it into a digital readout that can be used in a program the circuitry and code required to create a basic voltage sensor is minimal

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web apr 25 2016 my answer would be get a shunt type reference for a voltage that is lower than the battery range of interest let s assume a 5v battery and a tl431 or the like as 2.5v reference now measure the tl431 voltage using the battery as reference assume a 10 bit a d most common that reads n now you know that n battery 1023 2.5

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web the circuit diagram of three phase voltage measurement system is given below as you can see in the circuit diagram we are using three phase generator and the voltage of each phase is measuring with the same circuit phase one phase two and phase three measurement circuit are the same

how to measure mains ac voltage with an adc from a microcontroller - Oct 05 2022

web jul 6 2016 i want to measure the mains voltage 230v 50hz using an adc channel from a microcontroller this is my current approach below i have two schematics that add two voltages one direct one alternating added to that the both the ac and dc signals are going through voltage divider but that isn t important

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web digital voltmeter using pic microcontroller in this project a digital voltmeter using pic microcontroller is designed digital voltmeter using a pic can read the voltage from 0 40 volt this voltmeter can read only dc voltage digital ac voltmeter can also be designed using microcontrollers