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Top Skills

Barix
Python (langage de programmation)
Script Shell

Certifications

Deep Learning Onramp
MATLAB Onramp

IBRAHIMA BA

ENGINEERING OFFICE TECHNICIAN
Blagnac, Occitanie, France

Summary

Experienced electronics technician with demonstrated experience working in the aerospace and aviation industry. Qualified in recipe testing, system integration, analog electronics.

Experience

2EVT

Assistant electronics engineer
October 2020 - Present (3 years 3 months)
Toulouse, Occitanie, France

Assembly, test, implementation of drawer, bench, and test bay

Navocap

Electronics and VOIP systems technician at Navocap
December 2021 - October 2023 (1 year 11 months)
Blagnac, Occitanie, France

Validation of electronic cards and boxes for the rail industry.

Audio routing of an audio cross-connect system using BCL (Barix Language Code).

Implementation of a truth table for VOIP with all the functional cases depending on the customers.

Multicast - Unicast - Simplex on VOIP equipment using Barix modules

Proof of concept on a NETMODULE NB800 router for MQTT operation (FMS-CAN)

Setting up a test bench for a VOIP box,

IRAP - Institut de Recherche en Astrophysique et Planétologie

Assistant electronics engineer
March 2020 - August 2020 (6 months)
Toulouse, Occitanie, France

Updating of the schematic with Orcad software, synoptic realization of hardware integration of the spectro bay, preparation of the file and follow-up of the wiring manufacturing, participation in the drafting of the test procedures, realization of the unit tests, at each reception of the sub- electronic assemblies,

integration of spectrograph control electronics, implementation of test procedures, and verification of interfaces, installation of test benches and management of tools related to AIT / V (Assembly, Integration & Tests / Validation) of the Spectrograph, drafting of verification reports.

Experience feedback: ORCAD Capture Schematic, Lake Shore configuration, Micro K-Micro Kanner, and IBootBar.

Progressive Recruitment

Assistant Electronics engineer

June 2018 - June 2019 (1 year 1 month)

Occitanie, France

STEEL ELECTRONIC- Martres-Tolosane, test, acceptance, analysis and debugging of an ANGELS computer in the space environment with the aid of test means (multimeters, testing equipments, oscilloscopes, lab equipments, clamp meters, panel meters and environmental measurement technology).

Abylsen

Repair of Electronic Terminals

February 2016 - May 2018 (2 years 4 months)

Toulouse, Occitanie, France

CLS Toulouse in the Technical Department - SSIS/IS, repair and preparation of satellite terminals, participation in the preparation of the races of the Vendee Globe and management of spare parts in stock.

Feedback : Technical knowledge of satellite terminals, adaptability, and agility

Assystem

6 years 7 months

Electronic system technician

December 2014 - March 2015 (4 months)

Toulouse, Occitanie, France

Integration, validation, card recipe, box, bai, all systems and electronic subsystem. Participation in the development and improvement of HC02, GCI, and other projects.

FTY instrumentation technician

March 2014 - December 2014 (10 months)

Toulouse, Occitanie, France

FTY instrumentation in plane engines.

Physical measurement and logistics

March 2013 - March 2014 (1 year 1 month)

Toulouse, Occitanie, France

Airbus (EV) - Logistics and physical measurement on accelerometers.

Electronic System Technician

May 2009 - March 2013 (3 years 11 months)

Toulouse, Occitanie, France

Electronic acceptance of "video chain" components, metrology on power sources, operational condition setting (MCO) , installation of 5S, CNES (DCT / SI / CD)

Electronic System Technician

September 2008 - May 2009 (9 months)

Toulouse, Occitanie, France

Integration and acceptance of electronic card and device

Feedback : Testing and integration of equipment, electrical measurement of electronic components, drafting of measurement procedure, implementation, measurement bench implementation, measurement ratio, technical autonomy, and proposal strength.

Participation in the development and improvement of HC02, GCI, and other projects.

Education

Conservatoire National des Arts et Métiers

Preparation for the engineering degree, Electronic System · (September 2017 - September 2021)

Lycée polyvalent Déodat de Séverac

Advanced technician certificate (BTS), Electronic System · (September 2008 - June 2010)

L.P Jean Monnet of Foulayronnes (47)

Electronic Audio/Visuel service, High School Diploma · (September 2000 - July 2002)

L.P Benoit the Azy in Fumel (47)

French BEP Diploma, Electronic · (September 1998 - July 2000)