

# Sanderson Maciel Cortez

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Adelia Casagrande Bertolotti Street , # 316, Jardim do Vale - Indaiatuba-Sp - Brazil

Phones: 55 19 999841975

E-mail: [sanderson.cortez@hotmail.com](mailto:sanderson.cortez@hotmail.com)

**Occupation area**      Mechatronics engineer specialized in analysis and diagnosis of problems in electronic equipment , coordination of teams with solid experience in manufacturing companies, introduction of new products (NPI) and training on new technologies.

**Language**            Advanced english

## Experience

### **2019 - 2020 SEMP TCL - Cajamar - SP**

#### **Sr. Electronic Engineer**

- Responsible for creating technical specifications, development concepts, aligning with the product manager on project requirements, delivering development services within the established deadlines with agreed requirements and costs, delivering development solutions with optimized costs, specifying and releasing components and products, assist in determining costs and planning deadlines and deliver customized product solutions following the procedures and criteria of the companies.
- Responsible for validating and analyzing hardware of the products that will be approved / launched in Brazil.
- Responsible for creating, executing and automating tests to validate the hardware of the products.
- Report the failures and improvements to the technology supplier and monitor / validate the proposed solutions.
- Responsible for requesting, analyzing and validating all necessary documentation for the production of products at the factory, analyzing production processes, suggesting and monitoring improvements.
- Monitoring, factory support during the product pilot line (NPI).
- Development of test jigs for hardware, creation and execution of stress tests for products, assistance in the creation of automated tests or not of hardware items such as camera, LCD, touch panel and etc.
- Monitoring at the factory, launching new products (NPI), creating approval reports, carrying out product tests and following the approval process at Anatel and Inmetro.

### **2018 - 2019 Allied Brasil - Jundiaí - SP**

#### **Technical supervisor**

- Responsible for the management of the technical assistance, production and repair of electronic products sector as main focus on smartphones analyzing labor costs, purchase of components verifying the feasibility of repairing the product.
- Responsible for negotiating the purchase of tools, components for the department, reverse logistics, sorting, exchange of products under warranty, management of replacement stock and customization of services.

### **2017 - 2018 Astus Medical - São Paulo – SP**

#### **Production coordinator**

- Responsible for ensuring the fulfillment of the production targets, within the standards of quality, quantity, costs and term established by the company.
- Production department cost management, coordinating production scheduling, quality control, labor requirements, material requirements and stock of finished and semi-finished products.
- Management of machine operators, supervisors and other professionals directly linked to the production area, employs Quality Management strategies to improve product quality, coordinate the materials department to schedule daily production, forecast production needs labor and raw materials, plan and supervise the preventive maintenance of machinery and equipment, define and plan operational plan, analyzing product demand, productive capacity and ancillary resources, elaborating rationalization and cost reduction plan, investment plan , expenditure budget and raw material requirements, develop and implement methods and techniques that aim to improve and perfect the process.

**2014-2016 Condor não letal - Nova Iguaçu – RJ****Production coordinator**

- Responsible for the transfer of the SPARK Z 2.0 project from Condor to the company Sanmina which is currently responsible for the production.
- Condor project management within the company Sanmina serving as a facilitator between the two companies, ensuring quality and supporting the Sanmina engineers with direct information from the Condor development area.
- Control costs, quality and delivery of the products manufactured by the production.
- Coordinate the necessary improvements in manufacturing processes.
- Coordinate the interpersonal relationship in the department to flow information within the company. Develop and implement methods and techniques that aim to improve and optimize the process.
- Plan production, schedule labor and stop or intervene in machinery, equipment and industrial instruments.

**May 2014 to Outubro2014 Samsung Electronics. - Campinas-SP****Engineer Jr.**

- Acting as a field engineer for Samsung Manaus, but working at the Campinas-Sp factory, analyzing smartphones and tablets from technical assistance throughout Brazil to give feedback to the factory in Manaus to work on process improvements.

**2005 - 2014 Foxconn - Indaiatuba - SP****Senior technical specialist**

- Supervision of technical team, engineering and repair of PCBs of cellular, control of expenses of material, indexes of assertiveness of technicians and reduction of scraps within the productive process.
- Participation in meetings with directors, conference call with suppliers and clients for improvements
- and developments of new projects.
- Failure analysis and introduction of smartphones technology Foxconn, Sonyericsson, Arima and Sony Mobile in the productive process.
- Coordination of technical team and development of the productive process of cellular handsets.
- Creation and implementation of test and configuration systems for diagnostic benches.
- Participation in quality programs, aiming at improving production processes and reducing predictions due to faults in assembly lines.
- Development of tools that facilitate an analysis of failures of the productive process.
- Configuration, maintenance and installation of test lines.

**2002 - 2005 Siemens electronics- Manaus - AM****Electronics Technician Sr.**

- Acted as a productive process leader, serving as technical facilitator of GSM Siemens technology.
- Analysis and repair of GSM mobile phones.
- Reading and interpretation of electrical schematics and implementation of new products.
- Acted as leader and coordinator of a team of 54 diagnostic technicians.
- Failure analysis and introduction of cellular devices (NPI) in the production process developed by Siemens mobile.

**Degree**

- Engineering mechatronics -CEUNSP –Salto – São Paulo- Mechatronics Engineer
- School Amazonas Federal Technical, UNED - Electronics Technician.

## **Other courses**

- GSM technology, GPRS and RF measures (AGILENT TECHNOLOGIES)
- Electrostatic charge seminar (3M DO BRASIL)
- Training on quality tools, 8P, PDCA, 5W2H, training on ISO 9000 (Foxconn)
- Training on test equipment, CMU 200, CMW500, Spectrum Analyzer (Rohde & Schwarz)
- Welding Metallurgy Training - TECSOLDA
- Training on CDMA technology - Foxconn (Engineering from Mexico)
- Training on WCDMA technology - Rohde & Schwarz
- Basic Lean manufacturing training - Non-lethal Condor

## **International experiences**

### **Siemens - Germany**

- Training on Siemens cell phone hardware and software

### **Arima - Foxconn Mexico**

- Training on the operation of hardware and software for cell phones and test lines

### **Foxconn, Arima, SonyEricson, Sony and Compal - China.**

- Training on the operation of hardware and software for cell phones and test lines