

# Shiela Lipa

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Tanza Cavite | (63)9641730998 | shiala4@gmail.com

## Education

**BACHELOR OF SCIENCE IN INDUSTRIAL TECHNOLOGY | 2010-2016 (GRADUATED – MARCH 2016) | EARIST CAVITE CAMPUS**

- Major: Electronics Technology
- Related coursework: Troubleshooting and Analysis

**BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING | 2018 (UNDER -GRADUATE) | AMA CAVITE CAMPUS**

- Major: Electronics Engineering
- Related coursework: Analysis, Programming language

## Training\Certificates

**WEB DEVELOPMENT NCII | DEC 2021-JAN 2022 | MINDTECH TRAINING AND DEVELOPMENT INSTITUTE**

- Major: Website Design and structure.
- Related coursework: HTML, CSS, JavaScript, SQL, PYTHON, C++

**JAVA PROGRAMMING LANGUAGE NCII | DEC 2022-JAN 2023 | JOYSIS TRAINING AND DEVELOPMENT TECH VOC**

- Major: Java Coding and structure
- Related coursework: JAVA using NETBEANS

## Skills

- Microsoft Office: MS WORD, MS EXCEL, Power BI, PowerPoint, Visio
- Communication in English: editing, writing or email, speaking and presenting.
- Adobe Creative Suite: Photoshop, Illustrator
- Project Management Tool: Jira, Confluence
- Database: MySQL, MongoDB, MobaXterm Server
- Text Editor Software: Sublime, Atom, Spring Tool, Visual Studio Code, Eclipse, Netbeans Apache
- Programming Language: C++, Java , HTML, CSS, JavaScript , Python

## Experience

### **PROGRAMMER I | ANALOG DEVICES | Jan 2023 - PRESENT**

- Project management in CELL CONTROLLER (C3), email, schedule meeting and calendar management.
- Purchase requests on products needed for factories in Malaysia, Thailand, and Philippines to meet the deadline of installation for C3 products in Production Line.
- Material Inventory Management
- ESRF generation
- Create/Add/Change code using Java or HTML Programming Language and execute using the following Software: Eclipse, MobaXterm, Spring Tool, Visual Studio Code
- Data Analysis on MongoDB platform, Verification, Development and Resolve Issues on VM App and HNR Projects.
- Create JIRA Tickets and documentation in confluence.
- Database update/add/delete/create and execute scripts on MySQL.
- Write codes and develop in Java with Spring Boot framework and initiate code versioning in SVN.

### **PROGRAMMING ONLINE TEACHER | BRIGHTCHAMPS | MAY 2022 – MAY 2024(Part-time)**

- Able to teach programming language such as HTML, CSS, JavaScript, C++, Python, Java, Scratch Jr. Programming, Thunkable platform, ROBLOX(LUA)
- Handling students from age 6-18 years old and teach using the Zoom platform.
- Evaluating grades of students and recommendation.
- Handling international students and communicating through English language in different countries such as Asia, Europe, Africa and US.

### **FAILURE ANALYSIS TECHNICIAN | INTEGRATED MICRO-ELECTRONICS | JUNE 2019 – DEC 2021**

- Able to analyze /test/ debug different failures of board with solar panel and make data reports weekly.
- Isolating problem of units (SOLAR PANEL, Battery, LED, DUTBOARD with GPS).
- Read and interpret circuits or layouts, read specs/datasheets to create Failure Analysis Report.
- Experience in handling chemicals during de-capsulation process such as nitric acid and sulfuric acid.
- Performs failure analysis on materials and products come from Assembly, Test and external customers. Failure analysis results used for process and product improvement.
- Evaluation of device history e.g. different processes and tests the device using ATE VERIFICATION.
- Electrical test verification using curve tracer and/or bench testing using basic tool MULTIMETER and OSCILLOSCOPE.
- X-ray, C-SAM analysis
- Microscopic analysis using optical microscopes (low power and metallurgical microscopes)

- Scanning electron microscopy for microstructural analysis. SEM is a powerful, versatile, and windows-based equipment that is widely used for physical sciences.
- Selective etching using hazardous chemicals (strong acids and bases).
- Photomicrography or digital imaging of samples to document FA results.

ENGINEERING TECHNICIAN | CYPRESS MANUFACTURING LIMITED | JULY 4, 2016 – JUNE 14, 2019

- Operate ATE and DOST, able to use ATE Tools and sets up ATE Test program files.
- Performs hardware qualifications and engineering lot qualifications.
- Experience in operating Delta Edge, V8, RASCO, LCH, VERSATEST 2100/3300, NEXTEST and ADVANTEST.
- Execute test program request check-out and data analysis.
- Able to do execute to engineering plans by the project leader.
- Able to update web pages to log/document memos and data for group.
- Writes and initiate ECN (Engineering Change Notice), DTT (Dynamic Traveler Tool), MRB (Material Review on Board) as needed to support products and projects.
- Monitors specs & checklists for compliance as they relate to group's responsibilities (I.e. new products, MSA) as directed.
- Monitors new product and qualification lot status /SWRs/MRB or HOLD LOT Documentation etc. and assist engineers to provide disposition on hold lots
- Resolves basic set-up issues on new products with engineering guidance and perform product bench testing.
- Reject Pareto Analysis.

TEST PRODUCT TECHNICIAN | MAXIM PHIL. OPERATING CORP. CAVITE | MARCH 24, 2015 – JUNE 2016

- To compile, assimilate and organize printed and electronic information.
- First level verification of downtime of each handler and tester.
- Resolve downtime machine.
- Knowledgeable on ARK testers such as RFX, ASL3K, ASL1K, ASL3KMM & KVD.
- Experience in operating handlers such as Delta Edge, RASCO, AETRUIM and SRM.

## Character References

- Ptr. Darling Amasa | 09198937660 TANZA CAVITE
- Gladys Gasataya | 09173755137 Gen. Trias CAVITE



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