

# John Paul A. Panonce

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July 5, 1998 (24 yrs. old)

## Summary

A dynamic & creative engineer/programmer with experience in hardware, software automation, software design and software testing. I am eager to offer my analytical and software development skills to help the company achieve its goals in a timely and efficient manner.

## Work Experience



### Robotics & Process Automation (RPA) Developer

Kuehne-Nagel Shared Services

October 2022 – Current (6 months)

- Managed a team of 2 RPA developers in the successful design, development, and implementation of robotic process automation (RPA) solutions
- Plan, develop and maintain tools developed using Excel VBA to automate creation of reports
- Develop Python scripts to automate acquisition of large amounts of data from carrier websites with Web-Scraping using Selenium Libraries
- Develop automations using Python to perform data cleansing, processing, and upload to an Oracle Database
- Monitor Scheduled automations on a Remote Virtual Environment
- Assist on Data Quality tasks on Logistical Data to ensure existing data follows all rules set by Customer



### Hardware Engineer & Tools Programmer

Lear Corporation

August 2020 – Current (2 Years)

- Plan, Create and Execute Manual/Automated tests for Scripts & Programs
- Involved in writing and designing test cases, test plans and test strategies
- Develop scripts to automate processes in Mentor Graphic Tools to speed up schematic development & Report Creation
- Developed scripts in Medini Analyze to automate ISO 26262 Functional Safety procedures, calculation checking & Report Generation using JavaScript
- Develop Tools using Python to automate Hardware Testing

- Create & Review Electronic Symbols used in Schematic designs to ensure it follows engineering standard
- Developed automation scripts & macros in MS Excel to speed up report generation
- Pioneered the creation of a Learning Management System for a company-wide, non-external Global Training System
- Developed and supported development of software tools, automation, data analysis & visualizations (MS Excel) for the Lear Electronics Global Training System



## Embedded Systems Engineer / Mobile App Developer

Auksilyo Solutions Inc.

March 2020 – July 2020 (4 months)

- Calibrated and tested sensors & transducers to be used in industrial sensor systems
- Developed software for Industrial microcontrollers & PICs using Assembly, C++ and C
- Designed UI of mobile applications and Industruino interface using Adobe XD
- Developed mobile applications used for Home, Factory & Farm IoT Systems

## Education



### Cebu Institute of Technology – University

Cum Laude

Bachelor of Science in Electronics Engineering

2014 – 2019

## Licenses & Certifications



### Electronics Engineer – Philippine Professional Regulation Commission

Issued January 2020

License # 0074141



### Electronics Technician – Philippine Professional Regulation Commission

Issued January 2020

License # 0021076



### ISTQB Certified Tester – ISTQB – International Software Testing Qualifications Board

Awarded on October 11, 2021

Cert. # 00109284

## **Skills**

Software & Web Development	C/C++ • C# • Python • Visual Basic • VBA for Excel, PowerPoint, Outlook • Java • HTML • CSS • JavaScript • Android Studio (Java) • Postman • APIs • Processing (Programming Language) • Excel VBA • SDLC • Automation Scripting • Web Scraping (using Python w/ Selenium) • Git/GitHub • SVN • Competitive Programming
Project Management	JIRA • Asana • Scrum • Agile Methodologies • Monday.com • Notion • Trello • MS Teams
Software Testing	Test Documentation • Test Case Creation • Defect Report Creation • Black-Box Testing • Web App Testing • Mobile App • Test Automation (Selenium using Python)
Web & App UI Design	Adobe XD • Adobe Photoshop • Figma • Vector (SVG) Image Creation
Data Analysis & Visualization	MS Excel • Power Query • Data Visualization (Power BI, MS Excel) • R (Programming Language) • SQL • Machine Learning (using MATLAB & Python) • Image Processing (MATLAB & Python) • Statistical Analysis (R & Python) • Pandas • Jupyter • Oracle Database
Hardware Testing & Development	Proteus • PIC Programming • Schematic Design • Symbol Creation • ISO 26262 (Functional Safety Standard) • Arduino • Raspberry Pi • Embedded Systems Engineering • Medini Analyze (Functional Safety Software) • CAD • MATHCAD • IOT Systems Planning

## **Awards & Participation**

<b>2019</b>	Contestant - School Representative Outstanding Student Creative Research (Sibol Award) – College Category
<b>2018</b>	Contestant – School Representative Circuit Sprint of SQUEEZE: National EEE Competition and Convention
<b>2018</b>	6 <sup>th</sup> Place 39th Bit the Bees ECE National Interscholastic Quiz Show University of the Philippines - Diliman Campus
<b>2018</b>	1st Place (Champion) Interscholastic ECE Regional Quiz Show 2018 (Central & Eastern Visayas)

**2017**      **3rd Place**  
Interscholastic ECE Regional Quiz Show 2017 (Central & Eastern Visayas)

**2017**      **Graduate – Best Proposal & Presentation**  
Solar Street Lamp as Sustainable Lighting within CIT-U Campus  
Technologian Leaders Academy: Season 5

**2017-2018**    **IECEP CIT-U Chapter**  
Auditor

-- NOTHING FOLLOWS --