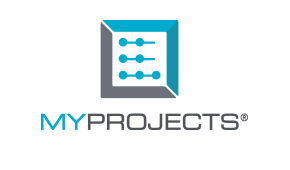
Luckson Madestin

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https://luc561.github.io/



**SUMMARY**

Result driven computer engineer with 3 years experience in automation that included customer facing conveyor support/distribution center support. Presently seeking a Controls/Automation position to focus my skill set and challenge my critical thinking and troubleshooting abilities.

**WORK HISTORY**

**Employer**: Honeywell Intelligrated **Position:** Software Engineer II November 2021 – Present

**Job Specifications:**

• Increased carton per minute throughput by 23%

• Collaborated with Mods & Upgrade to identified opportunities and process improvements in BOSS3(C++)

• PLC programming with Allen Bradley RsLogix, Schneider Electric Modicon

• Successfully Lead, Coordinated and Implemented 18+ Code Changes Since November 2021

• Troubleshoot all types of Conveyor System from start to finish. Manage technical support issues to resolution by coordinating active troubleshooting with customers and internal resources.

• Experience with design, code, and debug operations, reporting, data analysis and optimization utilizing C++, C#, QNX, and MySQL

• Perform modifications and integrations of existing software applications as per specifications and customer need

• Carry out controls and electrical testing along with root cause analysis to provide feedback to the customers site, design engineers and developers

• Work with a team of developers to analyze project requirements and add functionality to existing C application and SQL databases if needed

• Understanding knowledge and experience with Profibus, DeviceNet, ControlNet, VFDs and Servo Drives

**Employer**: Honeywell Intelligrated **Position:** Tech Support Engineer January 2019 – November 2021

**Job Specifications:**

• Support systems that generated 35k per minute

• Reducing unplanned downtime

• Conveyor and sortation control system servers support

• Research bugs in PLC ladder logic and C++ and deploy fixes

• Coordinate with customers at each step to the resolution and ensure their need are being addressed

• Train engineers and bring them up to speed on various machine controlled products.

• Create a good cadence with customers and team to stream-line solving issues and coming up with innovative solutions in a reasonable time frame.

**Employer**: Alorica **Position:** Team Manager December 2012 –February 2018

**Job Specifications:**

• Managed a team of 10-16 employees

• Adapted and coordinated a sales model in a customer service environment. Resulting in leading the department in sales for 4 month consecutively and boosting overall customer satisfaction.

• Participates in client related activities to include client calibration sessions and project planning

• Identified and tutored employee on missing skillsets

**SKILLS**

● Proficient PLC ladder logic ●DeviceNet ● Electrical Schematics Reading

● Proficient in Python, C/C++ ●SQL ● Excellent customer service skills

● Expert MS Office ● Critical Thinking

● Operating Systems: Windows, QNX, Linux Command Line, and Macintosh

● Troubleshooting: Failure identification, desktop/laptop, servers and workstations management

**CERTIFICATION**

**Honeywell Intelligrated**

Six Sigma Green Belt DFSS Hardware April 2020

**EDUCATION**

**Florida International University**

Bachelor of Science in Computer Engineering December 2018

Dean List Summer 2018

Coursework included Solid State Devices

**PROJECTS**

**DARK(Senior Design)** May 2018

● Wrote the entire program using Java ● Lead a team of 5 multidiscipline engineers students ● Assisted with the schematic design ● Design PCB

**Parking Assistant- Arduino** June 2016

● Wrote the program in C++ ●Debugged and tested for ideal ranges

● Design PCB

**Simon Says- FPGA- VHDL** June 2016

● Wrote the entire game in VHDL ●Create levels using dip switches for selection.

**VOLUNTEER EXPERINCE**

**Flint Water Relief** June 2016

● Raised $384(total as a team $1024) ● Delivered 331 cases and 124 gallons directly to affected citizens.

● Created a website for operation transparency● Organized meetings with donors, locals, and shelters.

**Run for Lupus**  September 2014

● Fundraised $380 ● Ran a 5k to bring awareness.

● Organized web updates to provide transparency and information.