|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Juddson Raia | |  |  | | --- | --- | | 205-492-9026 |  | | Juddson Raia - LinkedIn juddsonr@gmail.com |  | |

Self-motivated maintenance technician with three years in field experience specializing in robotics and plc. Skilled with problem solving, troubleshooting, communication, teamwork, and continuous improvement. Open minded team player who is willing and eager to learn from individuals, new opportunities, and professional development. I hope to use my background in maintenance to pursue a career in controls or robotics applications.

# Skills

|  |  |
| --- | --- |
| * Experience with Studio 5000 and Siemens Tia Portal 16 * Eye for continuous improvement * Fanuc advanced Programming and Maintenance troubleshooting * Fanuc Spot Welding (SpotTool) * Fanuc Dispense Tool * Bosch Rexroth Resistance Welding | * Strong Troubleshooting Skills * Good Teamwork and Communication * Good Organizational Skills * Arplas Projection Welding Systems * Fanuc Mig Welding * Nordson Adhesive dispensing * Kuka Robot Teaching * HTML and CSS Coding |
|  |  |

# Experience

### 2019 – present

## Multicraft Technician / Kamtek, Birmingham AL

Maintained assembly lines and provide support to production in whatever way needed.

* Perform PM tasks
* Work long hours (12Hrs a day – 12 days on 2 days off)
* Perform Safety Inspections on Equipment
* Keep up with multiple lines daily answering calls and making repairs
* Lead teams doing projects
* Lead teams performing repairs during downtime events
* Keep up with stock of critical spares and verify they are in correct location
* Communicate with production team with updates on downtime events and tasks
* Utilized Whiteboard and Tabware to create work orders and assign to DT events
* Extensive Fanuc robotic troubleshooting and maintenance performed everyday
* Allen Bradley Studio 5000 PLC troubleshooting required weekly
* Continuous improvement to robot and plc programs
* Make repairs to improve quality alerts and just improve quality in general
* Help and teach team members throughout the day on how to fix issues
* Utilize free time to learn as much as possible with robotic and controls applications

### 2017 – 2019

## Janitorial Services / Columbiana Clinic, Columbiana AL

Maintained cleanliness and equipment inside of the building. Managed schedule and worked with a team to achieve goal efficiently and effectively.

* Perform tasks daily to ensure cleanliness
* Remove all trash from inside the building
* Straighten and organize equipment/furniture
* Report to boss about supplies needed
* Maintain stock of supplies inside bathrooms
* Daily mopping of the floor throughout the whole building
* Routine buffing of floor
* Routine Wax strip and rewax of floor
* Small facility maintenance tasks

# Education

### may 2022

## Associates in Mechatronics / Wallace State, Hanceville AL

Graduated with a 3.96 GPA and made it on the presidents/deans list each semester. Studied industrial automation and mechatronics, see list of classes on page 2. Apart of the PTK (Phi Theta Kappa) Honors society and nominated for the NSLS (National Society of Leadership and Success). Presidential award of excellence in applied technologies winner.

### may 2019

## Automation Technical Education / CTEC, Columbiana AL

Technical school I went to during high school for automation classes. Took basic electronics such as AC and DC as well as an introduction to Fanuc robotics and PLC. Worked with Siemens TIA Portal, Fanuc Robotics, and programmed various Festo Trainers.

### May 2019

## High School Diploma / Shelby County High School

Standard high school ed. Focused on excellence in technical classes and competitions at this time.

Classes taken including but not limited to,

* ILT 194 – Introduction to Programmable Logic Controllers
* ILT 196 – Advanced Programmable Logic Controllers
* ILT 195 – Troubleshooting Techniques
* ILT 218 – Industrial Robotics Concepts
* ILT 240 – Sensors Tech & Applications
* ILT 102 – Industrial Automation
* ILT 210 – Mechatronics
* OSHA 10

Feel free to ask any questions about other classes or for more info about the classes listed above.

Throughout my time in university, I was a part of the F.A.M.E. program. This program is held to a higher standard and teaches critical skills needed to improve efficiency and productivity in the workplace. Some examples are Problem Solving, TPM, Continuous Improvement, Kaizen, and 5S. Had to work on projects that require completion of a team charter, Gantt Chart, FMEA, and machine audits. Can provide examples of these projects and more information if requested.

**Certificates**

The following were acquired through NC3Certs –

* Fundamentals of PLCs – Siemens Festo Advanced Manufacturing
* Applied PLCs - Allen-Bradley Festo Advanced Manufacturing
* Fundamentals of Sensor Technology Festo Advanced Manufacturing
* Fundamentals of PLCs - Allen-Bradley Festo Advanced Manufacturing
* Fundamentals of Fluid Power - Pneumatics Festo Advanced Manufacturing
* Fundamentals of Fluid Power - Hydraulics Festo Advanced Manufacturing
* Fundamentals of Electricity – AC Festo Advanced Manufacturing
* Fundamentals of Electricity – DC Festo Advanced Manufacturing

# Awards and Activities

- Placed 1st in SkillsUSA Mechatronics State Competition and went on to place 12th at the national competition.

- Placed 1st in SkillsUSA Mechatronics State Competition and went on to place 4th at the national competition.

2022

- Placed 1st in SkillsUSA Robotics and Automation College Competition. Will go on to compete in the national competition.

These competitions included a demonstration of skills in PLC Setup/Programming/Troubleshooting, Pneumatic operations, and teamwork.

2022

- Presidential Award of Excellence in applied technologies at Wallace State.