







# Emily Dawson

**Robotics maintenance technician with 7 years of experience maintaining automated manufacturing systems**

Skilled in troubleshooting, repairing, and programming robotic automation systems. Experienced in working with PLCs, robotic arms, and factory automation to improve production efficiency.

## CONTACT

-  (123) 456-7890
-  email@example.com
-  LinkedIn | Portfolio
-  Austin, TX

## EDUCATION

Bachelor of Science in Mechatronics Engineering  
University of Texas, Austin, TX  
May 2013

## KEY SKILLS

- Robotic system troubleshooting
- Programmable logic controllers (PLC)
- Industrial automation and robotics maintenance
- Electrical and mechanical diagnostics
- Preventive and predictive maintenance

## PROFESSIONAL EXPERIENCE

Robotics Maintenance Technician | NextGen Robotics, Austin, TX  
May 2016 - Present

- Diagnosed and repaired robotic arms, PLCs, and automation components, reducing system downtime by 35%
- Program and calibrate robotic systems to optimize precision and speed in manufacturing processes
- Developed a predictive maintenance program that extended robotic component lifespan by 20%

Automation Technician | Techtron Manufacturing, Austin, TX  
July 2013 - April 2016

- Assisted in integrating new robotics systems into production lines, increasing efficiency and reducing labor costs
- Repaired circuit boards, sensors, and actuators to maintain optimal robot performance
- Trained production staff on basic troubleshooting techniques to minimize unplanned downtime

## CERTIFICATIONS

- Certified Robotics Technician (CRT) | February 2015
- Siemens PLC Programming Certification | August 2017