

Nathaniel Jay Pullig

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Objective:

Honors graduate with an Associates of Applied Science in Robotics Technology from Texas State Technical College. Pursuing a Bachelors in IT with Western Governor's University. Seeking a position in the robotics or IT industry that can lead to a career full of innovation, learning, and discovery.

Educational Skills:

- Experience with AC and DC circuits
- Designed, constructed, wire, and troubleshoot electrical control systems
- Allen-Bradley PLCs wiring and programming interfacing I/O modules with MicroLogix
- FANUC robot programming with vision systems
- User and tool frame programming for FANUC robots
- Interface design and construction between PLC and robot I/O systems
- Experience with industrial sensors, lights, and pneumatics
- Implemented safety precautions with safety relays, light curtains, area scanners, contingency programs, and other safety devices.
- Designed and implemented motor controls
- Wiring diagram design and portrayal of physical characteristics with AutoCAD
- Java, C++, Python programming
- Windows and Linux experience (Intel CentOS, Intel Ubuntu, and an ARM fork of Debian)
- CompTIA Project + Certified
- Fluent in English, working knowledge of German

Education:

- **Texas State Technical College** Honors Graduate May 2020
Associate of Applied Science in Robotics Technology

- **George Ranch High School**, Richmond, TX 2017

Employment:

- **Game Stop**, Richmond, TX 2018 – 2019 & 2021 – Present Day
Guest Advisor / Sales Associate
Determine what guests require based on nonverbal cues. Professional interactions with guests.

- **The Sauer Kraut Grill**, Richmond, TX 2020
Cashier

Hobbies:

I enjoy programming my Arduino Uno and building my Raspberry Pi. I believe that exploring open-source platforms helps to better troubleshoot errors in both professional and personal projects. A passion for creating 3D files, with both AutoCAD and Blender, to print with a personal 3D home printer. I have successfully made a custom case for a Raspberry Pi Zero with an Infrared Camera Module and a small screen that is controlled by the GPIO pins. I enjoy using Photoshop to make personal art projects and touchup family photos.

Accomplishments:

AFJROTC: positions of Flight Commander and First Sergeant. Received several leadership awards.