TIAGO CARLOS BREUNIG

Morgantown, WV 681-350-2622 tiagobreunig2@gmail.com

PROFESSIONAL SUMMARY

Currently pursuing a Bachelor of Science in Computer Engineering with a strong focus on controls and automation. Experienced in computer hardware, business-related equipment, and IT support. Passionate about control systems, PLC programming, and FPGA design. A quick learner with hands-on experience in automation projects and digital logic design. Seeking an Engineering Intern position to apply my skills in a professional setting while learning from experienced engineers in the field.

EDUCATION

Bachelor of Science (B.S.) - Computer Engineering   May 2026
West Virginia University, Morgantown, WV

SKILLS

- User Support
- MySQL
- VHDL

- Hardware Configuration
- JavaScript, Java, HTML, CSS, React
- Microsoft Office

- Amazon Web Services
- MATLAB
- C, Python

EXPERIENCE

Freelancer IT Technician   June 2023 - August 2023
Marmoraria Santa Cruz | Santa Cruz do Sul, Rio Grande Do Sul, Brazil

- Assisted with Software and Hardware installation of imported CNC machinery not available in the region previously

Freelance IT Support   January 2019 - August 2022
Supermercado Breunig | Santa Cruz Do Sul, Rio Grande Do Sul, Brazil
- Diagnosed and resolved technical hardware and software issues
- Guided users with troubleshooting using diagnostic tools

- Created step-by-step guides for users facing challenges with software or hardware components
- Provided remote technical support to clients using various communication channels

PROJECTS

FPGA-Based CPU Design
- Designed and implemented a simple CPU using VHDL on a DE10-Lite FPGA board
- Developed and tested instruction sets for basic operations

Conveyor Belt Automation using PLCs
- Designed ladder logic for a two-conveyor belt system
- Integrated three sensors to control movement, ensuring continuous product flow

Social Media Recipe Sharing Website
- Collaborated with a team to build a full-stack web application for users to share, like, and comment on food recipes