

Jason Kercher

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Education

Pennsylvania State University
4 years studied Computer Science with a focus on software engineering and performance

Experience

RLC Electronic Systems
Sinking Spring, PA
Embedded Software Engineer
April 2022 – Present

- Design and implement bare metal systems using the C programming language
- Test and analyze embedded systems for stability and efficiency
- Support and enhance legacy codebases to meet customer requirements

Jetson Specialty Marketing
Kutztown, PA
Database Programmer/Analyst
November 2017 – April 2022

- Responsible for handling large amounts of client data efficiently
- Implemented automation routines in a Linux environment
- Analyze, optimize and test results using SQL queries

Pressman

January 2012 – November 2017

- Operate and maintain a 10-color web offset printing press
- Assure quality of print by inspecting every roll for defects
- Responsible for safety of crew

Cleary Clean Plastics
Orwigsburg, PA
Robotics Technician

December 2018 – January 2022

- Write and adjust Universal Robot arm programs
- Optimize the robot's programs to keep pace with thermoforming machines
- Maintain failsafe production programs across different machines

Specialties

- Enjoy working with high-performance languages like C, C++ and Rust
- Experience writing automation with scripting languages like Bash, Perl, Python and SQL
- Familiar with source control programs git and subversion

Activities

- Active contributor to open source projects like the Odin programming language – working on the compiler and core library (<https://odin-lang.org>)
- Active package maintainer for the Arch Linux User Repository (<https://aur.archlinux.org>)
- Here is a link to some more of my work on github: <https://github.com/jasonkercher>