Christopher Sauer

Saint Paul, MN - Email me on Indeed: indeed.com/r/Christopher-Sauer/f9d11ebd81692d50

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Data Panel Corporation   -   Plymouth, MN - 2014 to Present

Automotive Embedded Software Development
• Embedded PIC32 Development
• Manufacturing Automation
• Automated Product Testing, Prototype 3D Printing
• Electronics/Hardware Debugging

Software Developer

Ricco Solutions   -   Bloomington, MN - 2013 to 2014

Website Administration/Ruby on Rails Development
• Developed and maintained Ruby on Rails websites
• Wrote REST APIs for Android and IOS clients

PROJECTS
• Developed graphics engine for Microchip PIC32
• Reduced error rates on SMD manufacturing
• Developed automation Software to reduce errors and turnover time
• Built a 3D Printer/3D Modeling for rapid Prototyping and Product development

TECHNICAL LANGUAGES

Proficient:
C, Java, C#, C++, x86, ARM, MIPS, Labview, PostgreSQL, Python, Ruby on Rails
Microsoft and Linux Development Stacks

Software and Frameworks:
MpLabX, Visual Studio, Netbeans, Vim, Harmony, OpenCV, Git, SVN, Microchip, Virtualization

PERSONAL
- Built & designed high resolution 3D printer
- Built and hosting own Linux Server system for variety of things
- Captain and Team Founder of "FIRST Robotics Competition" - Team 4536
- Eagle Scout (Boy Scouts of America)

SKILLS

Software Development, Robotic Design, 3D Printing, Programming, Scripting

ADDITIONAL INFORMATION

Willing to relocate.