Michael C. Robinson
Software Developer/Network Administrator

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Technical Expertise

Operating Systems
Linux (Fedora, Cent OS, Slackware, Raspbian, Debian)

Operating System Library
Xlib

Configuration Control System
Ansible

Database Management Systems
MariaDB, PostSQL

Complied Programming Languages
C

Interpreted Programming Languages
Bash

Object Oriented Programming Languages
Java, JavaScript, C++, Perl , PHP

Website Programming Language
HTML (4,5), CSS3

Source Code Control System
GIT (subversion)

Web Server
Apache

Embedded System
Raspberry Pi

Certifications
LPI Linux Administrator Level 1 (October 2015 to October 2020)

Professional Development

New Horizons Computer Learning Center Minneapolis, MN Programming in HTML5 with JavaScript and CSS3 (In Progress)

Summary of Qualifications

Over 15 years of successful experience in maintaining heterogeneous networks, programming small embedded systems and restoring applications in multiple operating systems

Professional Experience

Elite Custom Solutions	Rochester, MN
Junior Electronics Assembler/System Administrator	04/2019 to 12/2019

+ Refurbished 400 RFID tags for IBM server rooms
+ Revisited the Work Instructions for RFID Tag refurbishment
+ Restored Windows 10 successfully and updated security features

R3D Solutions	Rochester, MN
Pro-Bono Programming and Electronics Assistant	05/2018 to present

+ Troubleshooting drivers for the circuit board assembler
+ Managing a 100 feet electric cable for the circuit board assembler
+ Retrieving data/media in Linux OS for the organization successfully

Apex Machine Works	Rochester, MN
Software Developer	08/2017 to 05/2018

+ Debugged C source code for SteadyShot™ projection system
+ Complied C source code and utilized Xlib for SteadyShot™
+ Applied GIT for source control

The Robinsons	Scappoose, OR
Pro-Bono Network Administrator/Developer	01/1998 to 08/2017

+ Developed the family website, e-mail and FTP servers
+ Configured a mixed OS LAN (CentOS Linux servers) with FreeNAS 11 (customized)
+ Implemented a private branch exchange using Asterisk (private telephone system)
+ Monitored a temperature trends project for a rack environment using Raspberry Pi

Other Work Experience

Aerotek (Benchmark)	Rochester, MN
Assembler	12/2019 to 03/2020

Hy-Vee	Rochester, MN
Deli Associate	12/2018 to 06/2019

State of Oregon (Department of Human Services)	Salem. OR
Personal Support Worker	12/2006 to 08/2017

Education

Portland State University	Portland, OR
Bachelor of Science in Computer Science	December 2014