Christopher Hutchinson

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CSH

Objective

Seeking an opportunity to leverage my engineering, management, and coding skills in a team based environment.

Summary

Versatile engineer with documented history of designing and implementing hardware and software solutions. Repeatedly improves systems and processes through application of engineering methods and big-picture understanding of operations, resolving complex technical and business problems by analyzing data, employing sound judgment, evaluating possible outcomes, and creating practical solutions.

Experience

Project Manager / Simulation Specialist, Florence Darlington Technical College
Florence, SC — 2014-2015

Served in a project management role for a Federal Grant project. Implemented 3D immersion technology and advanced nursing simulation with manikins to train students. Nursing student education and simulation; eLearning development with Adobe Captivate 8.0. LMS integration with Desire2Learn/SCORM API.

President/CEO, Hutchinson Enterprises, Inc.
Florence, SC — 2005-2014

Custom export packaging provider with $3 million in annual sales within a niche market. Advanced business operations through continuous improvement of product design, manufacturing processes, quality control, and customer service. Develop systems and procedures to support operations and enhance accounting, procurement, production scheduling, and human resources functions.

Accomplishments
- Increased net profit $250K annually by altering purchase schedules
- Implementation and execution of JIT manufacturing process
- Financial software system conversion
- ISO 9001 internal development and implementation

VP of Operations, First Reliance Bank, Inc.
Florence, SC — 2001-2005

Mid-sized bank with $500 million in assets. Information Technology & Operations Director Hired to design, repair, and replace IT infrastructure, facilitating 400% organizational growth over 4 years. Improved operational efficiency through

troubleshooting systems, writing system policies and procedures, and directing IT staff.

Accomplishments
- Championed design-build of $5 million data facility
- Saved $200k per year by eliminating outsourcing fees, hiring team charged with maintenance and repair of network infrastructure
- Boosted safety and soundness rating and brought institution into compliance with federal and state regulations

Design Engineer / Takata Restraint Systems, Inc.
Cheraw, SC — 2000-2001

Designed and built production line equipment to meet new product manufacturing needs by identifying and purchasing required components, creating electrical schematics in AutoCAD, wiring and programming electronic control systems, and setting up real-time data acquisition. Implemented design-build equipment into assembly lines, testing and deploying PLC and computer controlled automation of production equipment in collaboration with other mechanical and electrical engineers. Earned reputation for expertise and ability to troubleshoot programming behind data acquisition, becoming a "go-to" engineer to solve programmable control related problems, programming errors, and machine control failures.

Systems Analyst / Duke Energy, HB Robinson Nuclear
Hartsville, SC — 1998-2000

Reworked and replaced code in the ERFIS real-time plant monitoring system to achieve 'Y2K' compliance, C code in unix-like environment using QNX RTOS to implement system. Developed and followed full testing and compliance procedures to test and implement applications. Rolled out new emergency radiation plume assessment package on time, using Photon for view design and 'C code' to complete DOSE software re-write. - Drove software life cycle independently including writing code, completing proof of concept, developing test procedures, testing, and implementing for use. Recovered test data from abandoned data tapes, writing 'C code' for application to provide access to historical plant operation data.

Education

Clemson University
Bachelor of Science (B.S.), Electrical Engineering, — 1989-1996

Francis Marion University
Bachelor of Business Administration (B.B.A), Accounting, — 1992-1994

Skills

- Javascript, Web Development, Webpack, React, MongoDB
- AutoCAD, Solidworks, CS Eagle Schematic Design → PCB

References

Available upon request.