

TODD F. BARTELT

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SOFTWARE DEVELOPER

Experienced software developer, project manager/analyst, engineer and problem-solver. Articulate, dependable, with an innate ability to see both overlooked problems and unexpected solutions. Gives balanced focus to both technical details and overarching project goals. Specialties include warehouse management software, building automation, machine vision, and factory automation.

SUMMARY OF QUALIFICATIONS

- 15+ years of experience in **software development and project management**.
- Outstanding ability to **critically analyze and identify improvements** for designs and processes.
- **Exceptional communication skills**, both written and verbal, with an eye toward promoting teamwork and collaboration.
- Focused on building **strong relationships with customers**, whether internal or external, by providing thorough training and ongoing support.
- **Proven leader** who uses books, podcasts and workshops to continually advance a command of leadership principles and strategies.

DEVELOPMENT SKILLS

- HTML, CSS, Bootstrap
- JavaScript, jQuery
- VB.NET, C++, C#
- SQL, Firebase
- JSON, XML

PROJECT MANAGEMENT SKILLS

- Microsoft Office
- Microsoft Project
- Asana, Trello
- SharePoint
- Confluence, Jira

WORK EXPERIENCE

Engagement Director at Kaw Prairie Community Church (Lenexa, Kansas) 2017-2019

- Oversaw participant engagement, volunteer placement, small groups and discipleship classes, as well as many aspects of communication, administration and first impressions.

Projects

- Reimagined and relaunched an ailing membership paradigm, bringing new energy and warmth to the concept of membership in the organization.
- Designed, recruited and trained a new volunteer team with the purpose of coaching attenders toward increased involvement.
- Led the adoption of project management software (Asana) by the staff team, increasing accountability, follow-through and communication.

Project Analyst at AmerisourceBergen Corp. (Chesterbrook, Pennsylvania) 2014-2017

Secure Supply Chain Project

- Designed changes to the warehouse management software for a nationwide network of distribution centers, bringing them into compliance with new federal legislation.
- Took the lead in understanding the legal and technical requirements of the project, becoming the team's go-to expert.
- Coordinated pilot testing with warehouse leadership, and trained hourly workers on new software as part of testing using physical product on the warehouse floor.

- Used test and production data to recommend a threefold expansion of a manual put-wall process area at a cross-dock facility.
- Presented project goals and progress to team members outside the project in order to create wider organizational understanding of the impact of the SSC project.

Network Expansion Project

- Conducted testing of warehouse software programs, automation and manual processes for a highly-automated, 415,000-sq.-ft. new distribution center outside NYC.
- Tested manual-pick processes and various material handling equipment, including Order Storage & Retrieval (OSR) and Automatic Picking Systems (APS).

Software Engineer at CI³ Integrators (Lenexa, Kansas)

2009-2013

- Integrated building automation systems with custom user interfaces using Wonderware and Microsoft Visual Studio (primarily C++/C#).
- Configured and troubleshooted a variety of access control & video surveillance systems.
- Planned, coordinated and executed upgrades of customers' building automation systems.
- Worked with customers to construct interfaces between security and HR databases.
- Strengthened customer relationships by providing training and customized system documentation.

Machine Vision Application Engineer at Interactive Design, Inc. (Lenexa, Kansas)

1999-2009

- Designed, assembled, installed and supported the implementation of automated inspection equipment utilizing machine vision technology to improve quality and efficiency.
- Adept at designing sophisticated HMIs to meet customer needs, giving them better control over — and real-time data about — the inspection process.
- Managed all aspects of projects, from initial concept to final testing and customer training.

Software Development

- Designed creative algorithms in VB.NET and C++ to solve quality and product handling problems with machine vision products, including Cognex's VisionPro API and In-Sight sensors.
- Wrapped vision applications in intuitive, user-friendly operator interfaces.

Testing and Installation

- Simulated the customer's manufacturing process conditions using good and defective product, and rigorously tested assembled systems both before and after installation.
- Fully met customer expectations by providing turnkey installations that immediately fulfilled quality objectives.

EDUCATION

- Full-Stack Web Development Program, University of Kansas Professional and Continuing Education. *Anticipated graduation date: November 2019*
- MS Mechanical Engineering, University of Wisconsin-Madison
- BA Physics and Mathematics, Luther College, Decorah, Iowa