

Jeffrey C. Jackson

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Profile

- Ambitious, trustworthy and objective-oriented team leader and business owner.
- Experienced software engineer with over 10 years of experience.
- Creative, determined and detail-directed problem solver.
- Mechanically and electrically inclined engineer driven by a Lean Manufacturing foundation.
- Knowledgeable of contractual agreements & sound union relationships.
- Knowledgeable in OSHA, NFPA 70E, 70B, & 79, and NEC regulations.

Education

B.Eng., Computer Engineering & Computer Science, University of Louisville (2005)

Relevant Experience & Accomplishments

Engineering and Maintenance Personnel Management

- Managed supervisors, engineers, and maintenance crew of 26 employees.
- Coached employees on best practices, and safe work instructions.
- Effective with personnel performance objectives and reviews.
- Scheduled and planned large shutdown events for plant & equipment maintenance.
- Defined safety guidelines with contractors and consultants.
- Submitted U.S. patent requests of in-house designs.
- Successfully coordinated contractors and contracted services in union facility.
- Effectively managed catastrophic power outage and building roof collapse events in 2008.
- Without union filed grievances since 2007.
- Implemented Infor MP2 Asset & Maintenance Management System.

Software Engineering

- Experienced in building stable and effective software using Agile and Scrum methodologies.
- Regularly use SCM like GitHub and Xcode Server.
- Able to communicate and direct work to software engineers.
- Contributed to over 50 iOS app development projects.
- Fluent in Objective-C, C/C++, Java, C#, .NET, HTML and Bash.
- Extremely knowledgeable in Mac OS X, Windows, and Linux.

Past Objectives and Initiatives

- Successfully established a defined Preventive Maintenance schedule with required man power.
 - Lead multiple safety programs including machine guarding, electrical safety, and contractor safety.
 - Managed \$1,000,000+ maintenance budget, and operated within a controlled monthly limit.
 - Contributed to a successful 3 year contract negotiations with USW, IAM and IBEW unions.
 - Lead a majority of all scrap initiatives which drove over a \$600,000 improvement in 2006.
 - Reduced overtime in the maintenance department by 50%, for annual savings of \$500,000.
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Employment	<p>Director, <i>AutoLean, Inc.</i></p> <ul style="list-style-type: none"> • Leveraging my personal experiences in manufacturing and software to build a business which provides knowledgeable and custom software solutions for industrial settings. • Goal is to lead and build a christian organization capable of achieving maximum profitability, improving employee work-life balance, and obtaining the highest level of customer satisfaction all through glorifying God. • Defined business development and growth strategy. Achieved revenue growth year over year. • Leading R&D for internal designs for upcoming physical products. • Currently serving over 12 iOS apps on the App Store, and on boarding new paying users daily. • Deployed over 7 large iOS apps in private enterprise environments using MDM services. • Rapidly scaling the business just in time to properly adjust for customer demand. 	<i>2009-Present</i>
	<p>Founder/Engineer, <i>Over, LLC</i></p> <ul style="list-style-type: none"> • Led all engineering for building the popular iOS apps Over and Overgram. • Collaborated with other engineers and designers to build Obaby, Obaby+, Cape Town Love, and Louisville Love. • Designed many reusable technologies which allowed for expedited deliveries of iOS apps to the App Store. • Designed and engineered a highly scalable backend with parse.com for delivering in-app content, specifically font and artwork packs. • Managed on-boarding several million new users over the course of a 1 week campaign without any loss in service or degradation in user experience. 	<i>2012-2014</i>
	<p>Engineering & Maintenance Manager, <i>Reynolds Flexible Packaging LLC</i></p> <ul style="list-style-type: none"> • Managed a \$750,000 capital project which increased capacity on a single flowpath from 42MM#s to a 80MM#s, while decreasing material waste by >\$600,000 based on annual sales forecast. • Implemented a low cost solution for reducing aluminum foil scrap providing a <3m return, valued at \$250,000 annually. • Implemented a predictive maintenance program which included both mechanical vibration, ultrasonic, and thermal-graphic analysis. Impact on maintenance budget was negligible and breakdowns were immediately prevented. • Reorganized Engineering and Maintenance Department, providing a more successful preventive maintenance program while reducing salaried head count by 1. • Completely managed over 16 major capital projects since 2007 with primary focusing on improving the flexible packaging flowpaths. • Reduced maintenance expenses by \$200,000 annually. • Reduced spending on process tooling by \$120,000 annually. • Increased production speeds by 25% on key pieces of equipment without impact on plant budget or product quality. 	<i>2007-2009</i>

Process Engineering Manager, Alcoa Inc.

2006-2007

- Designed a system to completely eliminate the most prevalent customer quality complaint. Savings annualized at \$70,000.
- Lead multiple team-oriented continuous improvement activities (Kaizens) that involved 5S, and lean manufacturing methodologies.
- Designed a system to manage usage of a thermal oxidizer which reduced natural gas usage in the plant by \$300,000 / year.
- Participated in a focused team that re-enabled auto-splicing, saving the company \$150,000 in scrap annually.

Systems Engineer, Alcoa Inc.

2006

- Developed an application that integrated robotic palletizing and Allen Bradley PLC controllers to meet customer's data integrity demands.
- Developed an elaborate system to track product control plans for various product types. Created direct relationship with gravure cylinder supplier to drive a 20% cost reduction.
- Implemented a 'Production Reporter' application which aligned all production personnel to a common goal.

Process Engineer, Alcoa Inc.

2005-2006

- Designed and implemented preventive maintenance procedures for machinist and electrician personnel.
- Lead a majority of AutoCAD work in the facility. Developed a strong mechanical, electrical, and process knowledge base for plant equipment.

**Community
Involvement**

Little League Baseball, Assistant Coach
