

## 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)

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## 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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<b>Employment</b>	<b>Director, <i>AutoLean, Inc.</i></b>	<i>2009-Present</i>
	<ul style="list-style-type: none"> <li>• Leveraging my personal experiences in manufacturing and software to build a business which provides knowledgeable and custom software solutions for industrial settings.</li> <li>• 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.</li> <li>• Defined business development and growth strategy. Achieved revenue growth year over year.</li> <li>• Leading R&amp;D for internal designs for upcoming physical products.</li> <li>• Currently serving over 12 iOS apps on the App Store, and on boarding new paying users daily.</li> <li>• Deployed over 7 large iOS apps in private enterprise environments using MDM services.</li> <li>• Rapidly scaling the business just in time to properly adjust for customer demand.</li> </ul>	
	<b>Founder/Engineer, <i>Over, LLC</i></b>	<i>2012-2014</i>
	<ul style="list-style-type: none"> <li>• Led all engineering for building the popular iOS apps Over and Overgram.</li> <li>• Collaborated with other engineers and designers to build Obaby, Obaby+, Cape Town Love, and Louisville Love.</li> <li>• Designed many reusable technologies which allowed for expedited deliveries of iOS apps to the App Store.</li> <li>• Designed and engineered a highly scalable backend with <a href="http://parse.com">parse.com</a> for delivering in-app content, specifically font and artwork packs.</li> <li>• 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.</li> </ul>	
	<b>Engineering &amp; Maintenance Manager, <i>Reynolds Flexible Packaging LLC</i></b>	<i>2007-2009</i>
	<ul style="list-style-type: none"> <li>• 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 &gt;\$600,000 based on annual sales forecast.</li> <li>• Implemented a low cost solution for reducing aluminum foil scrap providing a &lt;3m return, valued at \$250,000 annually.</li> <li>• 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.</li> <li>• Reorganized Engineering and Maintenance Department, providing a more successful preventive maintenance program while reducing salaried head count by 1.</li> <li>• Completely managed over 16 major capital projects since 2007 with primary focusing on improving the flexible packaging flowpaths.</li> <li>• Reduced maintenance expenses by \$200,000 annually.</li> <li>• Reduced spending on process tooling by \$120,000 annually.</li> <li>• Increased production speeds by 25% on key pieces of equipment without impact on plant budget or product quality.</li> </ul>	

**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.

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**Community  
Involvement**

**Little League Baseball, Assistant Coach**

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