ZACHARY HERINGTON

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**Summary**

Results-oriented professional with 4 years of experience in high-volume manufacturing and distribution systems. Having led numerous capital projects from start to finish, I understand the critical thinking required to manage the complex priorities. With my diverse team experience, I can also bring strong collaboration skills and a team-player attitude.

**Skills & Abilities**

**Project Mgmt:** Time Management, Technical Documentation, Team Leadership

**Data Analysis:** Advanced Excel, Power BI, Python, SQL, R, Machine Learning,

**Lean Production:** Automation, Identifying Waste, AutoCad, Work cell Design, Time studies, VSM, Kanban, Scheduling, Training,

**Experience**

**Industrial Engineer May 2019 - Current**

**adidas**—Indianapolis, IN

* Routinely presented improvement opportunities to senior mgmt. All backed by technical reports.
* Implemented real-time data capture of production processes by teaming up with PLC integrators.
* Technical lead for facility-wide, material flow redesign. $3M investment with expected ROI in 2.2 years.
* Designed and installed new distribution workflow in 2 months. Shipped 2.7M units in 6 months of launch.
* Awarded Employee of the Year in 2019 for team leadership and overall bottom-line impact.

**Manufacturing Engineering Analyst Oct 2017 - May 2019**

**adidas**—Indianapolis, IN

* Managed a kaizen team of 7 and blitzed a high-cost process for 2mo. Reduced defect rate by 6%.
* Identified costly process gaps by visualizing data; presented to mgmt. and led corrective actions plans.
* Implemented costing calculators for 7 departments for increased transparency and yearly budgeting.
* Identified process waste using 5S & lean principles, reduced transportation waste by 72%.
* Streamlined a scheduling bottleneck, reducing the average lead time by 20 hrs.

**Quality and Continuous Improvement Intern May 2016 - Dec 2016**

**Oscar Winski, Lafayette Steel and Aluminum—**Lafayette, IN

* Validated process capability and performance using Six Sigma statistical tools.
* Introduced quality and preventative maintenance checklists. Decreased downtime by 5%.
* Reversed engineered fixture for assembly process and reduced processing time by 18%.
* Prepared SOPs, recorded QC tooling, and trained associates for ISO 9001 certification.

**Education**

**Data Analytics Boot Camp | Butler University –** Indianapolis, IN **Nov 2020**

**Project Management Training | Strategy Execution –** Indianapolis, IN **Aug 2019**

**BS in Engineering | Purdue University –** West Lafayette, IN  **Aug 2017**

Major: Engineering Management

Minors: Physics, Astronomy

Study Abroad: Engineering Education in Eldoret, Kenya (more info at <https://thetumainicenter.org/>)

**Volunteering**

Recycled Material Supply Chain Development at People for Urban Progress **Jun 2019**

Processed Donations at Indiana Sports Corp **Aug 2018**

School Beautification and Playground Cleanup at PlayWorks Indiana **May 2018**