

Matt Stofleth

Engineer, Maker, Artist

I am a technically inclined maker and artist with roots in Manufacturing and Mechanical Engineering.

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📍 Oakland, CA

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WORK EXPERIENCE

PLM Analyst

Block Inc. (formerly Square Inc.)

07/2020 - Present

Oakland, CA

Achievements/Tasks

- Create & Manage NPI & Sustaining ECOs, ECRs, & Deviations
- Parity Audits with CM & 3PM BOMs & Documentation
- Represent PLM Analyst function in cross-functional projects

Soft Goods Manufacturing and Quality Engineer

Casper Sleep Inc.

10/2018 - 12/2019

SF, CA

Achievements/Tasks

- Managed manufacturing supplier relations for all SG products
- Launched SG products at domestic and international 3PMs
- Responsible for all PLM duties for SG products

PLM Administrator

Casper Sleep Inc.

03/2017 - 10/2018

SF, CA

Achievements/Tasks

- Created & implemented standard templates for Casper specs
- Established PLM standards for part numbering, naming conventions, and BOM structures for all products
- Populated PLM database with all company product data
- Led PLM training with technical & non-technical audiences

Mechanical Engineer

rLoop, Inc.

07/2016 - 02/2017

Menlo Park, CA

Achievements/Tasks

- Planned & installed wiring harness for onboard control systems
- Designed landing gear for Hyperloop pod
- Reviewed & modified engineering drawings for DFM

EDUCATION

B.S. Mechanical Engineering

Purdue University West Lafayette

08/2011 - 05/2016

SKILLS

CAD Modeling (Multiple)

PLM Software (Multiple)

Change Management

BOMs

Prototyping

Root Cause Analysis

DFM

Microsoft Office Suite

Adobe Illustrator & InDesign

User Training

Product Lifecycle

NPI

Machining

VOLUNTEER EXPERIENCE

Arts Program Facilitator

Drawbridge

10/2019 - 05/2022

Tasks/Achievements

- Lead weekly art groups for children experiencing homelessness

Case Worker Assistant / Pro Bono Engineer

International Rescue Committee (IRC)

02/2020 - 07/2020

Tasks/Achievements

- Assist refugees & immigrants in first 90 days of resettlement
- Community garden irrigation system design & build

HONOR AWARDS

"Golden Waffle" - Collaborator

Casper Sleep Inc.

- Working cross-functionally on Packaging BOM structure strategy

"Golden Waffle" - Mission Driver

Casper Sleep Inc.

- Led efforts to ramp new SG product at new 3PM

Hyperloop Pod Innovation Award

SpaceX

- Hyperloop Pod Competition with rLoop in Jan 2017

LANGUAGES

English

Full Professional Proficiency

Mandarin Chinese

Limited Working Proficiency