Contact

megandibble1@gmail.com

www.linkedin.com/in/megandibble1
(LinkedIn)
github.com/mdibble2 (Portfolio)
medium.com/@megandibble (Blog)

Top Skills

Data Visualization

Python

SQL

Honors-Awards

Outstanding Junior in Industrial
Engineering Scholarship

Outstanding Women in Engineering
Award Nominee

Megan Dibble

Global Solutions Analyst at Stanley Black & Decker, Inc.
Englewood

Summary

I am a Cal Poly Industrial Engineering graduate, with interests
in data analytics, data science, operations research, process
improvement, and database management. I love the challenge of
coding and I am passionate about making data driven decisions!

In my internships at Keysight Technologies and Tesla during college,
I found that my favorite projects were ones where I got to deep dive
into data analysis and create visualizations. At Cal Poly, I was a
teaching assistant for Database Management and System Design,
and I enjoyed the challenge of writing complex queries and designing
forms in Microsoft Access. I also taught some labs on ASP.NET,
where I got exposure to JavaScript, HTML, and VB.NET.

I worked with wonderful people at RSM, but for my day-to-day job,
I found that I was interested in pursuing a more technical position
where I could develop models, learn new technologies/coding
languages, and/or utilize statistics. Because of this, I chose to enroll
in an intensive Data Science apprenticeship/course through Thinkful
in order to solidify my technical skills and practice implementing
machine learning models through project work.

While I am just beginning my career, I count myself lucky to
have had exposure to so many different companies and to have
majored in Industrial Engineering, where process improvement and
optimization can take you so many different directions.

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Experience

Stanley Black & Decker, Inc.
Global Solutions Analyst
July 2020 - Present (2 months)

Towards Data Science

Staff Blogger
March 2020 - Present (6 months)

-Published ~10 articles in the Towards Data Science publication

-Received 10K or more views on 4 articles

Thinkful
Data Science
December 2019 - June 2020 (7 months)

Projects:

-EDA and A/B Testing

-Supervised Machine Learning

-Unsupervised Machine Learning

Learning topics include:

-Python, especially Pandas, Numpy, Sklearn, Statsmodels, and Matplotlib libraries

-SQL queries and database management

-Statistics and visualization

-A/B Testing

-Supervised Machine Learning

-Unsupervised Machine Learning

-Neural Networks

RSM US LLP
Microsoft D365 Business Central Technology Consulting Associate
July 2019 - November 2019 (5 months)
San Francisco Bay Area

-Created test scripts for Microsoft D365 Business Central ERP software

-Trained clients on using the software and worked on troubleshooting any errors

-Collaborated with teams to determine business scenarios in order to load data and customize Business Central software

California Polytechnic State University-San Luis Obispo
Student Assistant - Database Management and System Design
September 2018 - June 2019 (10 months)
San Luis Obispo, California Area

-Taught labs on ASP.NET software to industrial engineering students

-Assisted students with debugging code in Microsoft Access and graded projects

Tesla
Production Optimization Intern
June 2018 - September 2018 (4 months)
Reno, Nevada

-Conducted trials and time studies for a new single piece flow process improvement
-Streamlined quality checks and ran trials to drive headcount reduction efforts to save $1M/year
-Developed a buffer model in Excel to illustrate trade-offs of production schedule and floor space
-Assisted with designing and updating line layouts in AutoCAD
-Drove improvement efforts by establishing weekly OEE meetings and analyzing fault data

Supplemental Workshops in Math
Instructional Student Assistant
January 2017 - June 2018 (1 year 6 months)
California Polytechnic State University

-Lead instructional tutoring sessions for groups of 10-20 students
-Worked alongside Cal Poly math professors
-Created supplemental instructional material (worksheets, activities, summary sheets)
-Supported student learning and personal growth

Keysight Technologies
Industrial Engineering Intern
June 2017 - August 2017 (3 months)
Colorado Springs, Colorado

-Created process flow maps and tooling lists for 10 manufacturing areas at the Colorado Springs location
-Analyzed financial absorption data and provided recommendations for next steps
-Updated technical documentation
-Created and tested a multi-divisional process with documentation for when a product goes obsolete

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Education

California Polytechnic State University-San Luis Obispo
Bachelor of Science - BS, Industrial Engineering · (2015 - 2019)