

# Justin Frank

MECHANICAL ENGINEER



## SUMMARY

- A Highly motivated individual to learn, grow and excel in building a career in Technology and Management.
- Studying master's in CAE and Management to gain more knowledge on product development and sustainable growth and innovation.
- Key Experience: Worked as a Design and Development Engineer with over 2 years of successful experience in Modelling, Automation and Programming. Recognized consistently for performance excellence and contributions to success in Automation industry. Strengths in modelling and programming backed by training in leadership. Had an opportunity to be a part of a wonderful team.

## EXPERIENCE

**Student Scientific Assistant** May 2019 - Present  
**IBF, Institute für Bildsame Formgebung**

- Flach and Lang (Flat and Long).
- A DFG funded project on calibre rolling process involving the damage analysis of the round-oval-round pass of a workpiece.
- Simulation of Torsion testing on steel alloys to determine the optimum flow stress of the material.
- Activities include FEM analysis of the rolling process using the Abaqus tool.
- Use python scripting to automate the processes.
- A DFG funded project on caliber rolling process involving the damage analysis of the round-oval-round pass of a workpiece.

**Assistant Systems Engineer** Feb 2017 - Aug 2018  
**TATA Consultancy Services Ltd, Chennai**

Department:

Automation for Mechanical Components and Assemblies in NX Unigraphics.

Responsibilities:

- Design Engineer (NX Unigraphics).
- Automation of Modelling and Assembly of NX Models and Components using C# and VB, .NET Platform.
- New Product Development and optimizing the Design and Process of Manufacturing the Component.
- Participated in several TCS action workouts applying the Principles of Agile, Six Sigma and Lean Methodologies.

## CONTACT

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📞 202-555-0120

📍 Chicago, Illinois, US

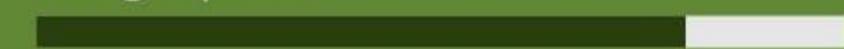
🔗 linkedin.com/resumekraft

## SKILLS

Solid Works



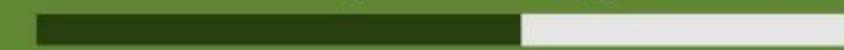
Unigraphics



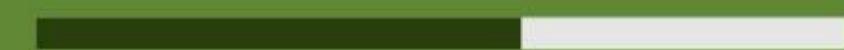
ANSYS



Software Project Management



MATLAB



Python



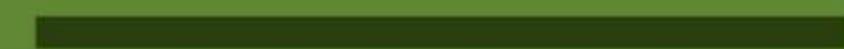
C#



JAVA



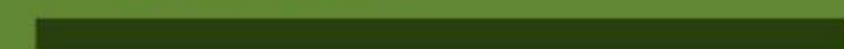
MS-Excel



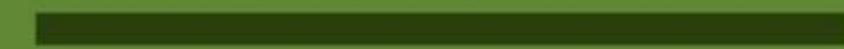
MS-Word



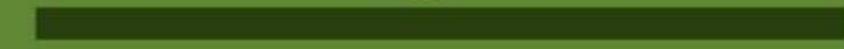
MS-PowerPoint



Student leadership



Student tutoring



## LANGUAGES

English



French



Arabic



German



## HOBBIES

Build small applications using the programming knowledge, I had gained during my course of