

# JESSICA CLAIRE

100 Montgomery St. 10th Floor ♦ (555) 432-1000 ♦ resumesample@example.com

## PROFESSIONAL SUMMARY

Amiable Engineering Intern talented at communicating with technical colleagues and non-technical customers alike. Deftly translates complex engineering ideas into laymen's terms and vice versa. Contributes to projects by providing streamlined, clear communication channels for all stakeholders.

## SKILLS

- Solidworks
- Creo
- Catia
- Python
- Java
- ANSYS
- COMSOL
- ABAQUS

## WORK HISTORY

### Python Developer Intern, 09/2020 - 06/2021

Corteva, Inc. – Toledo, India

- Prepared and submitted reports and other documentation to assist development team members
- Produced clean, validation-ready code for project needs
- Investigated technical challenges to identify root cause and provide expedient resolutions
- Worked on pandas, numpy, scipy and matplotlib.
- Wrote clean, clear and well-tested code for various projects.
- Partnered with company mentor to learn best practices in software design.

### Business Analyst Intern, 06/2022 - Current

Lifescape – Sioux Falls, SD

- Exercised critical thinking to resolve Design errors in Solidworks Drawing reports.
- Worked one-on-one with clients to improve Design specifications.
- Assisted with engineering calculations, design drawings, preliminary cost estimates and field visits to observe construction progress.
- Automated the reading and interpretation blueprints, technical drawings, schematics and computer-generated reports.
- Worked on back-end development of certain Windchill (Product Life Management) types and products.

### Teaching Assistant, 08/2021 - 05/2022

University Of Miami Miller School Of Medicine – Hollywood

- Formatted quizzes and final exams for two subjects, "Dynamics of Solids" and "Heat Transfer"
- Partnered with teacher to plan and implement lessons following school's curriculum, goals and objectives.
- Assisted teachers with classroom management and document coordination to maintain positive learning environment.

### Research Assistant, 08/2021 - 05/2022

Thermo Fisher Scientific Inc. – Plainville

- Worked on Cell Division in an ECM/hydrogel, running the simulations on Lammps
- Comparing the simulations to the in-vitro experiments using CNN
- Worked both independently and collaboratively in fast-paced laboratory environment.
- Performed statistical, qualitative and quantitative analysis.

### Mechanical Engineering Intern, 06/2018 - 09/2018

Sona Leather | India – City

- Developed technical skills through training and shadowing experienced professionals.
- Created CAD drawings using Solidworks to convey manufacturing and production configurations.
- Created parts for machining, sheet metal fabrication and injection molding.
- Performed analysis using ANSYS.

## EDUCATION

### Bachelor's: mechanical engineering THESIS

Pes University - Bangalore

Thermal Management of Li-ion batteries, Received CNR Rao Scholarship. Awarded First Class with Distinction for 6 semesters.

### Master's: mechanical engineering, 05/2023

University of Colorado - Boulder, CO

Specialized in Design and Computing. Worked on Image Recognition and on IOT projects. Working on Machine Learning and concerned modules.

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