

Gaylee Sison

Product Development Engineer

Product Development Engineer with 1 year of experience in designing and implementing innovative solutions for product optimization and enhancement. Proficient in CAD software, rapid prototyping, and material selection, with a strong focus on cost-effective and sustainable design. Adept at collaborating with cross-functional teams to meet project goals, while displaying excellent communication and problem-solving skills. Committed to continuous learning and staying updated on industry trends to drive product excellence.

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(671) 337-0695



1234 Sunshine Lane, San Francisco, CA 94107



Education

Bachelor of Science in Mechanical Engineering at California Institute of Technology, Pasadena, CA

Aug 2018 - May 2022

Relevant Coursework:

Mechanics of Materials, Thermodynamics, Fluid Mechanics, Heat Transfer, Machine Design, Control Systems, Materials Science, Dynamics, Engineering Mathematics, and Computer-Aided Design (CAD).

Links

[linkedin.com/in/gayleesison](https://www.linkedin.com/in/gayleesison)

Skills

CAD Design



Finite Element Analysis



Rapid Prototyping



D Printing



Injection Molding



Lean Manufacturing



SolidWorks



Employment History

Product Development Engineer at Apple Inc., CA

Feb 2023 - Present

- Developed and launched a new iPhone model that generated over \$60 billion in revenue within the first year, achieving a 15% increase in sales compared to the previous model.
- Successfully led a cross-functional team of 25 engineers and designers to reduce product development time by 20% for a new line of Apple Watches, resulting in a faster market entry and boosting sales by 10%.
- Implemented innovative manufacturing processes that reduced production costs by 12% for a range of MacBooks, ultimately contributing to a 7% increase in overall profit margins for the company.

Associate Product Development Engineer at Tesla, Inc., CA

Jul 2022 - Dec 2022

- Implemented a 15% reduction in production costs by optimizing the design and manufacturing processes for electric vehicle components, resulting in annual savings of over \$2 million for Tesla, Inc.
- Developed and executed a comprehensive testing plan that improved the reliability of critical automotive systems by 20%, leading to a 10% decrease in warranty claims and boosting overall customer satisfaction.
- Collaborated with cross-functional teams to successfully launch two new electric vehicle models, contributing to a 25% increase in annual sales and helping Tesla maintain its position as a market leader in the electric vehicle industry.
- Led a team of engineers in the creation of a patented innovative battery technology, which increased the range of Tesla's electric vehicles by 30%, attracting more customers and generating significant positive media coverage.

Certificates

Certified Product Development Professional (CPDP)

Oct 2021

Design for Six Sigma Certification (DFSS)

Aug 2020