

# Jeremy Young

## Machine Learning Engineer

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Successfully designed and implemented a Machine Learning algorithm for a transportation client, reducing delivery times by 20% and improving on-time delivery rates by 15%. Collaborated with a team of engineers to build and deploy a Machine Learning model for a marketing client, resulting in a 40% increase in click-through rates and a 30% increase in conversion rates.

## Work Experience

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### Machine Learning Engineer

Maxeon Solar Technologies, Ltd. July 2021 - October 2023

- Developed and deployed a Machine Learning model for a financial services client, resulting in a 25% reduction in fraudulent transactions and saving the client \$300,000 annually.
- Led a multidisciplinary team to develop a natural language processing (NLP) algorithm for a healthcare client, improving patient diagnosis accuracy by 15% and reducing misdiagnosis rates by 10%.
- Optimized a Machine Learning pipeline for a retail client, resulting in a 30% increase in sales and a 20% reduction in inventory costs.

### Data Scientist

Techddy Solution Pvt Ltd May 2020 - July 2021

- Designed and implemented a Machine Learning algorithm for a transportation client, reducing delivery times by 20% and improving on-time delivery rates by 15%.
- Established and maintained a Machine Learning infrastructure for a manufacturing client, resulting in a 25% reduction in production downtime and a 10% increase in product quality.
- Collaborated with a team of engineers to build and deploy a Machine Learning model for a marketing client, resulting in a 40% increase in click-through rates and a 30% increase in conversion rates.

## Education

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### Lulea University of Technology

Masters, Computer Science September 2015 - Present • Lulea

Specialisation in Machine Learning and Artificial Intelligence. Relevant coursework: Machine Learning, Deep Learning, Natural Language Processing, Data Mining, Algorithms.

## Licences and Certifications

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### Certified Analytics Professional (CAP)

Institute for Operations Research and the Management Sciences (INFORMS) June 2019

Methodology selection: Selecting appropriate analytics methodologies and techniques to solve business problems effectively.

# Skills

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Deep Learning (Advanced)

Neural Networks

Predictive Modeling (Experienced)

NLP

Computer Vision

Feature Engineering

Statistical Analysis

Data Visualisation

Data Mining

Model Optimisation

Version Control (Git)

Python

C++

PyTorch

TensorFlow

NumPy

Pandas

Scikit-Learn

LLM

SQL

Communication

Problem-Solving

Creativity

Teamwork