James Lee

AI Engineer

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📍 Finland

SUMMARY

As a results-driven AI expert, I have a demonstrated history of creating and deploying advanced machine learning models and AI systems.
I specialize in working with diverse teams to drive notable enhancements in accuracy for customer churn prediction, sentiment analysis, and image recognition. My key strengths include predictive modeling, human-AI interaction, and enhancing AI-driven chatbots, resulting in cost savings, heightened customer satisfaction, and enhanced operational efficiency.

EXPERIENCE

AI Engineer

IntelliAi

📅 06/2022 - 05/2023   📍 Florida, US

- Researched and analyzed data to identify trends and patterns, leading to the development of a predictive model that improved sales forecasting accuracy by 15%
- Designed and developed an AI-based web application that increased user engagement by 30% and reduced customer churn by 20%

Data Analyst

CogniTech

📅 02/2021 - 12/2021   📍 Dresden, Germany

- Developed and implemented an algorithm that upgraded the efficiency of data analysis processes by 40%, enabling faster insights generation and decision-making
- Trained AI models using large datasets and optimized training processes, achieving a 20% amplified in model accuracy and a 30% reduction in training time

AI Researcher INTERN

SynthAI

📅 10/2019 - 05/2020   📍 Khet Khlong San, Thailand

- Developed and implemented a machine learning model that escalated customer churn prediction accuracy by 25%, leading to a 10% decrease in customer attrition and a 5% boost in customer retention.
- Collaborated with a team of data scientists and software engineers to design and deploy a natural language processing system that achieved a 90% accuracy rate in sentiment analysis, - leading to more accurate customer feedback analysis and boosted product development.
- Conducted extensive research and experimentation to optimize an image recognition algorithm, resulting in a 15% increase in object detection accuracy and enabling more efficient image processing in real-time applications.

LANGUAGES

Finnish
Native
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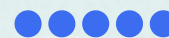
English
Proficient
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SKILLS

Database/Server

MySQL   Postgres   SQL Server

MongoDB

Programming Languages/Frameworks

C++   D3.js   Django   Flask

Javascript   Langchain   Matlab

Matplotlib   Numpy   OpenCV

Pandas   Python   PyTorch   R

React.js   Scipy   Tensorflow

Cloud Services/Tools

Amazon Web Services(AWS)

Google Cloud Platform(GCP)

Microsoft Azure

Microsoft Power BI   Tableau

PROJECTS

AI-powered Recommend System

📅 12/2022 - 04/2023   📍 Florida, US

I have developed an AI-powered recommendation system that significantly heightened customer engagement and revenue for our e-commerce platform.

- Boost customer retention by 30%

Predictive Model Development

📅 08/2022 - 10/2022   📍 Florida, US

I have fine-tuned Machine Learning Model for sales forecasting.

- Improve forecasting accuracy by 5%

AI Model Research

📅 03/2021 - 06/2021   📍 Dresden, Germany

I refined with different algorithms such as logistic regression, random forests, and gradient boosting to find the best performing model.

- Improve an accuracy by 15%

Real-time Object Detection System

📅 04/2020 - 05/2020   📍 Khet Khlong San, Thailand

I have expanded a real-time object detection system for autonomous vehicles. This project involved training deep learning models, optimizing algorithms for real-time performance, and integrating the system with the vehicle's hardware.

- Increase the accuracy of object detection by 15%

EDUCATION

Bachelor of Science in Computer Engineering

Singapore Institute of Technology

📅 04/2014 - 03/2018
📍 10 Dover Dr, Singapore 138683

PASSIONS

💎 **Billiards**