Jackson Mori

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San Gabriel, California, United States

# EXPERIENCE

## Data Scientist

### [Envision](https://kingsmendv.com/) Energy | London, UK Feb 2022 – Dec 2023

* Developed and deployed an advanced machine learning system utilizing Python and TensorFlow, achieving an impressive accuracy rate of over 80% in predicting hardware malfunctions, leading to significant cost savings and increased operational efficiency.
* Orchestrated the creation of a comprehensive real-time reporting infrastructure for executives and stakeholders by leveraging SAS, Tableau, and proprietary systems; enabled timely data-driven insights, resulting in a 15% increase in revenue and streamlined processes across the organization.
* Worked closely with a team of data engineers and BI analysts to improve the efficiency customer recommendation analytics engine by 33%.
* Used Excel to enter data into project database and provided updates on weekly basis.
* Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.

## Machine Learning Engineer

### [Kingsmen Digital Ventures](https://kingsmendv.com/) | Irvine, California Feb 2019 – Dec 2021

### Created machine learning models to improve inventory management, leading to a 21% decrease in stockouts and a 18% increase in inventory turnover.

* Designed and managed AI systems and applications, enhancing operational efficiency through automation and reducing errors by 32%.
* Restructured and managed AI-based databases, implementing data cleaning and preprocessing techniques to enhance data quality by 26% and reduce data retrieval time by 35%.
* Analyzed different aspects in Blockchain to incorporate parking availability for the citizens of Detroit.
* Planned and conceived computer systems using information engineering, data modeling and structured analysis.

## AI Developer Internship

### Arborea | United Kingdom Jul 2018 – Dec 2018

* Implemented and sustained AI-based cloud applications, which allowed for seamless integration with existing systems and reduced infrastructure costs by 20%.
* Developed and maintained AI-based APIs to facilitate data exchange between different applications, resulting in a 25% improvement in system interoperability.
* Updated and supervised AI-based mobile applications, leading to a 20% increase in user downloads and a 15% improvement in user ratings.
* Designed runtime algorithms and engineered AI systems for RPG games, resulting in a 45% increase in user entertainment.
* Proposed and implemented innovative navigation features for AI, enhancing user experience and adding value to the system.

# EDUCATION

### Tokyo Institute of Technology Feb 2010 – Dec 2014

Bachelor Of Computer Science

Artificial Intelligence, Computer Science

# Skills

### Proficiency in AI algorithms and models development

### Web application development using AI

### Data analysis and trend identification

### Predictive modeling

### Machine learning model development

### AI-based systems and applications maintenance

### AI-based database development and maintenance

### Data cleaning and preprocessing

### AI-based cloud application development

### API development and maintenance

# Languages

### Python

### C++

### R

### Big Data

* SnowFlake

### TensorFlow

### PyTorch

### Keras

### SQL

### LLMs

### Tableau

### Power BI

* MLFlow