

YUUDAI ISHIHARA

Machine Learning Engineer

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Summary

Motivated and results-driven Machine Learning Engineer with a solid background in computer science, statistics, and machine learning algorithms. Proven expertise in developing and implementing innovative machine learning solutions to solve complex business problems. Seeking a challenging position to apply my skills and contribute to cutting-edge projects in a dynamic team environment.

Skills

Python • Java • C++ • TensorFlow • PyTorch • scikit-learn • CNNs • RNNs • Neural Networks • Pandas • NumPy • Spark • NLTK • spaCy • AWS • Azure • Google Cloud • SQL • MongoDB • Git • Jupyter • Docker • Kubernetes

Experience

InnovativeAI

Singapore

Machine Learning Engineer

2023 - Present

InnovativeAI is a collaborative team of machine learning engineers, data scientists, and researchers dedicated to advancing the field of artificial intelligence.

- Developed and implemented machine learning models for Natural Language Processing resulting in a 25% improvement in accuracy.
- Collaborated with cross-functional teams to understand business requirements and translate them into machine learning solutions.
- Conducted exploratory data analysis (EDA) and feature engineering to enhance model performance.
- Utilized cloud platforms (AWS, Azure) to deploy and scale machine learning models in production environments.

appliedAI

Munich, Germany

Java AI Engineer

2022 - 2023

appliedAI focuses on LLM(Large Language Models), Anomaly Detection, Computer Vision, Reinforcement Learning and Systems & Operations.

- Applied statistical techniques and machine learning algorithms to analyze large datasets and extract meaningful insights.
- Created and maintained data pipelines for efficient data processing and model training.
- Collaborated with stakeholders to define project requirements and deliver actionable data-driven solutions.

The Bitfury Group

Washington, D.C., United States

Java Web3 Engineer

2022 - 2022

Bitfury Group has built on its heritage as one of the earliest Bitcoin miners and providers of Bitcoin mining equipment to develop a suite of infrastructure products and services that power the Web 3.0 ecosystem and make digital assets safe, sustainable, and useful.

- Spearheaded the development of smart contracts and decentralized applications (DApps) using Java and Web3 technologies.
- Collaborated with cross-functional teams to design and implement secure and scalable blockchain solutions.
- Implemented and maintained blockchain nodes, ensuring network stability and efficiency.
- Developed APIs for integrating blockchain functionality into existing systems, enabling seamless interaction with the decentralized network.
- Developed C/C++ applications using Qt and MFC frameworks for Windows-based software products, catering to diverse client needs.
- Implemented socket programming and TCP/IP protocols to establish secure communication channels for client-server applications.

easySolutions

Krefeld, Germany

Full Stack Engineer

2021 - 2022

The easySolution has been working very closely with their colleagues at Magicline for over a year and develops the software together.

- Designed and developed scalable and responsive web applications from concept to deployment using a variety of frontend and backend technologies.
- Collaborated with product managers and UX/UI designers to implement user-friendly interfaces and ensure an exceptional user experience.
- Led the development of RESTful APIs and microservices to facilitate seamless communication between frontend and backend components.
- Implemented and maintained databases, optimized queries, and ensured data integrity for efficient data storage and retrieval. Integrated third-party APIs and services to enhance the functionality of web applications.
- Implemented security best practices to protect against common web application vulnerabilities, ensuring the integrity and confidentiality of user data. Participated in Agile development methodologies, contributing to sprint planning, daily stand-ups, and code reviews.

Education

Nagoya University

Master's degree of Computer Science

2016 - 2021