

Lkhanaajav Mijiddorj

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EDUCATION

University of Oklahoma

August 2020 - May 2024

BS in Computer Science and Minor in Mathematics

GPA: 3.6

Silver Medalist - International Mathematical Olympiad (IMO), [2018]

Relevant Courses: Advanced Machine Learning, Machine Learning, Artificial Intelligence, Algorithm Analysis, Data Networks, Applied Statistical Methods, Database Management System, Computer Security, Parallel Distributed Network

Certifications: LangChain Chat with Your Data (Deeplearning.AI), LangChain for LLM Application Development (Deeplearning.AI), Generative AI for Developers Learning Path (Google), Machine Learning Specialization (Coursera, Oct 2023), IBM Full Stack Software Developer (Coursera, Oct 2022), Python for Data Science and AI (Oct 2022)

PROJECTS & OUTSIDE EXPERIENCE

Personalized Chatbot Project

Norman, Oklahoma

Machine learning Engineer/Prompt Engineer Software

January 2024 – Present

- Developed a personalized chatbot leveraging the OpenAI library, Python, and NLP techniques to accurately interpret and respond to queries about daily activities and schedules, significantly improving user interaction and efficiency.
- Utilized OpenAI's advanced AI models to integrate the chatbot with calendar APIs, enabling it to autonomously create and update users' daily schedules with high precision, thus offering custom-tailored guidance and reminders.
- Implemented a sophisticated feedback system using machine learning principles to analyze user responses, enabling the chatbot to adapt and enhance its accuracy and relevance over time, ensuring a continuously improving user experience.

Sport Prediction Application

Norman, Oklahoma

Software developer/Machine learning Engineer

August 2023 – December 2024

- Created and fine-tuned a neural network using Keras and TensorFlow, significantly improving the prediction accuracy for a sports prediction application.
- Utilized JavaScript and Express to craft a dynamic user interface and robust backend, ensuring seamless full-stack web application performance.

WORK & LEADERSHIP EXPERIENCE

University of Oklahoma

Norman, OK, USA

Research Assistant

May 2023 - August 2023

- Collaborated with a professor on a data science project analyzing hydrogen storage solutions, pivotal in data modeling and algorithm development.
- Led the implementation of machine learning models in Python, enhancing the accuracy of hydrogen storage predictions, backed by comprehensive data analysis.

University of Oklahoma

Norman, Oklahoma

IT specialist

September 2022 – May 2023

- Spearheaded a dedicated team in successfully integrating IoT solutions, enhancing the remote functionality and accessibility of crucial lab equipment.
- Played a pivotal role in the collaborative effort to transition the Cleanroom's existing website onto a unified, centralized Content Management System (CMS) for optimized management and user experience.

Mongolian Securities exchange

Ulaanbaatar, Mongolia

Data Analyst Intern

May 2022– September 2022

- Collaborated closely with senior software engineers throughout the full development cycle, encompassing design, coding, testing, and deployment, ensuring comprehensive application project completion.
- Spearheaded the design of a robust SQL database, seamlessly integrating it with a C++ Windows application. This system streamlined client onboarding and data management, resulting in a notable increase in the company's operational efficiency and productivity.

SKILLS & INTERESTS

Programming Languages: Java, Python, C/C++, JavaScript | **Web Development:** JavaScript, HTML/CSS, Express.js |

API Development: REST APIs, Socket.io / **Libraries:** Pytorch, TensorFlow, Pandas, NumPy / **Database Management:**

MySQL, NoSQL databases, & Database Design | **Cloud & Deployment:** AWS, Microsoft Azure, Google Cloud Platform |

Frameworks & Platforms: LLM, Google Vertex AI, Bert, Unity, React, Node.js, & Bootstrap, Django | **Methodologies:** Agile, Design Thinking, Data Modeling, Predictive/Prescriptive Analytics, Debugging

Interests: AI, Autonomous driving, ChatGPT, and gaming & game development