LINCHUAN (ERIC) YANG

💼 Software Engineer | AI, Web3 & Cloud Computing

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🏢 WORK EXPERIENCE

Crypto Project Startup Group **Seattle, WA**
Technical Manager *September 2024 - Present*

- Involved in the core technical development and maintenance of several meme coin projects on Solana and EVM blockchains to achieve **$8M+** market value, and **30K+ holders**.
- Developed and deployed original meme coin management tools for the team. Tools include **automated trading bot, and large-scale crypto wallet management**. Working to productize these tools.
- Assisted series of technical supports for project community activities, including developing and hosting webpages, and **automated lottery airdrop system** via Telegram bot.
- **Tech Stack:** Web3, Python, Flask, Streamlit, Ethereum, Solana, AWS, SQL

Reppo Labs **Vancouver, BC**
A startup company focused on blockchain-enabled mechanisms for AI developers and agents infrastructure.
Full-Stack Data Engineer *May 2024 - December 2024*

- Engineered an **AI Agent** and deployed a Web App to interface with the rating model, providing **real-time model interpretation** via Meta Llama and enhancing user insights. Demo: https://filecoin.chat/
- Developed and showcased **robust rating models** for Decentralized Physical Infrastructure Network (DePIN) blockchain miners (e.g., Filecoin, DIMO), enabling data-driven decision-making for investors. Demo: https://model.reppo.xyz/
- Projects showcased at **AI x Web3 summit in Bangkok**, helping secure **$2.2M** in seed funding.
- Contributed these models to Reppo's ModelRivet platform as seed models, offering a blockchain-based marketplace for pay-per-call AI models.
- **Tech Stack:** Machine Learning, Python, Flask, Streamlit, AWS, GenAI, Meta Llama, AWS Bedrock

eID Technology **Beijing, CN**
A provider of identity verification and security solutions across banking, healthcare, and e-commerce, offering customized eID services to support secure internet applications.
System Operations Intern *March 2023 - June 2023*

- Monitored and maintained platform servers to ensure system stability, availability and data security.
- Tracked and analyzed incoming API traffic via ops panel to detect in advance and report potential DDoS attacks.
- Designed automated systemctl service to check system logs and backups daily, producing status reports to maintain data integrity and performance.
- **Tech Stack:** Linux Shell, Cloud Computing

</> PROJECTS

Meme Coin Project Management Tools **October 2024 - Present**

- Built **Web3-based DeFi tools** for asset tracking, DEX trading, wallet diversification, automated trading, and more — targeting meme project startups and whale holders seeking enhanced security and returns.
- Deployed Wallet Management Tools supporting token fragmentation, avoiding single-point security risks and **reducing on-chain traceability**.
- Extended DEX trading functionalities to platforms like Raydium, Pump.fun, and PancakeSwap; the Trading Bot leverages these integrations for **automated strategy trading**.
- Supports Ethereum (ERC-20) and Solana chain networks, with plans to expand multi-chain capabilities.
- Integrated Python and Flask for backend logic with Streamlit for an intuitive user-facing interface.
- **Tech Stack:** Web3, Python, Flask, Streamlit, Ethereum, Solana, AWS, SQL

LLM App: JIMO - AI Powered Situation Puzzle Game **March 2024**

- Created **AI-powered puzzle game**. Integrated OpenAI GPT APIs for natural language generation, delivering an engaging and adaptive gameplay.
- Led prompt engineering and game host **multi-agent LLM design** to enhance puzzle-solving dynamics and real-time user interaction.
- Utilized Streamlit to build a user-friendly interface; received the **GenAI Creativity Award** for innovative application design.
- **Tech Stack:** GenAI, Prompt Engineering, Streamlit, Python

⚙️ SKILLS

- **Languages:** Python, Java, C++, SQL, Linux Shell
- **Backend:** RESTful API, Flask, Django, OOP, Git
- **Frontend:** HTML, CSS, JavaScript, Streamlit, React, Nginx, SSL Deployment
- **Cloud & DevOps:** AWS (EC2, Lambda, S3, Route 53, Cognito, Boto3), Azure, GCP, GitHub, Docker, Kubernetes
- **AI/ML:** Large Language Models, Meta Llama, OpenAI API, LangChain, TensorFlow, scikit-learn, XGBoost, NLP, Time Series Analysis
- **Blockchain:** Ethereum, Solana, Smart Contract Interaction

🎓 EDUCATION

University of Washington, Foster School of Business **June 2023 - June 2024**
Master of Science, Major: **Information Systems**, GPA: 3.7

University of California, Santa Barbara **September 2020 - March 2023**
Bachelor of Science, Major: **Statistics and Data Science**, GPA: 3.3

🏅 CERTIFICATIONS

- **AWS Certified Cloud Practitioner (CLF-C02)** **June 2024**
- **DeepLearning.AI TensorFlow Developer Specialization** **July 2023**
- **Meta Frontend Developer Certificate** **Expected: 2025**