



Sixia "Leask" Huang

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Interests

AI, blockchain, web3, P2P, distributed web services, cloud architecture, IoT, data mining, SNS, mobile applications, open source.

Work Experience

AI Developer, Dream Lens, Aug 2022 - Oct 2024

Responsible for the development of inference pipelines for AI-driven image and video generation, with a deep understanding of the training and deployment of associated AI models. Possess extensive experience and technical expertise in areas including generative AI models, facial recognition, facial feature extraction, and human body posture recognition. Proficient in AI frameworks like PyTorch and TensorFlow, with the ability to swiftly select and implement the appropriate modern technology stack to meet project requirements and develop target products.

Core Full-Stack Developer, PRESS.one / RumSystem / Xue.cn, May 2018-Aug 2022

Responsible for the design and development of blockchain projects utilizing BTC, ETH, and EOS, alongside distributed storage initiatives integrating IPFS, BitTorrent, and blockchain technology. Contributed to the development of a new P2P network framework and decentralized solutions named RUM. Acquired extensive experience in distributed network development through a variety of related projects, maintaining a comprehensive and in-depth understanding of blockchain technology and web3-based transaction systems. Well-versed in technology stacks pertinent to cryptocurrency transactions, digital certification, and smart contracts.

CTO / Shareholder, MaiMemo Inc., Apr 2016 - May 2018

MaiMemo is a mobile app designed to help users retain their English vocabulary, achieving a leading position on the app store's education download list with over 200 million cumulative downloads. I led a team in developing a scalable cloud-native architecture to manage the app's increasing data traffic demands. My data mining

project contributed to the publication of a best-selling reference book on English education. During my tenure, I also secured several technical patents in related fields.

Development Manager, Push Button Information LTD., Nov 2013 - Mar 2016

Push Button Information is a Canadian start-up dedicated to creating apps and websites that assist users in discovering exceptional deals and discounts for both online and offline shopping. I led an engineering team in China to develop and maintain the company's web services and front-end solutions. In this role, I honed my skills in developing and optimizing large-scale web services and gained valuable experience in managing a technical team.

Web Architect / Core Full-Stack Developer, EXFE Holdings, Sep 2011 - Oct 2013

At EXFE, a start-up focused on developing a group utility for gatherings and hangouts, I led a small team responsible for the web framework, server-side API (for both website and mobile app clients), and web front-end. As the company's first employee, I designed the entire back-end framework and completed all server-side coding. This role enhanced my leadership skills, enabling me to manage a development team rather than just focusing on coding. Additionally, I gained valuable insights into building start-up projects and operating a small company.

PHP Lead Developer, Safirst Technology Co., Ltd, March 2010 - Sep 2011

Our team developed an enterprise management application designed as a SaaS project. I was responsible for developing a distributed PHP MVC framework, which served as the foundation for my colleagues to build additional applications. Additionally, I implemented several features, including:

- Enterprise workflow engine with online workflow editor based on SVG and JavaScript.
- Enterprise data center with version control.
- Distributed file management system with version control.

Web Developer, WebOrigin Ltd New Zealand, Oct 2008 - March 2010

WebOrigin is a website-building company, and I am responsible for developing two key projects to support its core business: WebOrigin CMS and WebOrigin Store.

- WebOrigin CMS is a straightforward content management system designed for small to medium-sized businesses.
- WebOrigin Store is an e-commerce platform that facilitates transactions via PayPal.

Other Experiences

- Graphic & Web Design, LiDan Advertising And Media Co., Ltd
Jul 2008 - Oct 2008
- Graphic & Web Design, Qingyuan Cable TV Co., Ltd

- Jul 2007 - Aug 2007, Internship
- Founder, Music Association(university club)
Jun 2005 - Sep 2006
- Founder, H3O Networks(a graphic & web design studio)
Jun 2004 - Sep 2005

Education

- Bachelor of E-Commerce, South China Normal University, China, Sep 2005 - Jun 08
Graduation Project: Built a city public transport query system with GIS information.
- International Accounting, South China Normal University, China, Sep 2003 - Jun 04

English

Fluent in English listening, speaking, reading and writing. Can read and write technical documents in English. Proficient in technology-related English vocabulary.

Technology

- **Primary Languages:** C, Python, Node.js/JavaScript/TS, PHP, Pascal, Go, .Net, Swift
- **Limited Languages:** Objective-C, Ruby, Lua, Common Lisp, C++, Rust
- **Machine Learning:** PyTorch, TensorFlow
- **Blockchain / Web3:** Solidity
- **Database:** Redis, MongoDB, Memcache, MySQL, SQLite, PostgreSQL, SQLServer
- **Graphic / Design / NLE:** Adobe Create Suite, Apple Final Cut Studio, Procreate

Possess a comprehensive understanding and keen insight into emerging technology trends such as AI and blockchain, coupled with an unwavering passion for technological evolution and innovation. Driven by interest, I am adept at self-learning new technologies and excel at integrating diverse technologies to achieve successful outcomes. With a deep understanding of the traditional software industry, particularly modern web applications and mobile computing, I have developed innovative concepts for mobile and social networking apps. Capable of independently designing and implementing ideas, I can effectively integrate various technologies and knowledge to solve practical problems.

Personality

I am a passionate creator and technology enthusiast, dedicated to innovation and excellence. As a prospective employee, I bring a strong work ethic, responsibility, and integrity to every task. I thrive in high-pressure environments, maintaining an optimistic and proactive attitude while delivering efficient results. My curiosity drives me to continuously explore new concepts, viewing this as a vital learning opportunity. With strong communication skills, I excel at building and maintaining positive interpersonal relationships. Additionally, I uphold high ethical standards, ensuring that my actions consistently align with my values.

References

- EXFE / Push Button Information / PRESS.one / RumSystem / Xue.cn / Dream Lens:
Founder, Ju Huo, Canada
Email: virushuo@gmail.com
- MaiMemo Inc.:
Founder, Xiao Yue, China
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