



Yanshi Li

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Home: Shanghai

ABOUT ME

AI Product Manager & Research Engineer with **10+ years of experience in text to speech synthesis system development, AI language model development, and product lifecycle management**. Proven ability to bridge **AI modeling and customer needs**, ensuring seamless integration of advanced AI models into real-world applications. Skilled in **computational linguistics, text normalization, word segmentation, and speech synthesis**. Strong background in **cross-functional team collaboration, project coordination, and AI model quality assurance**.

WORK EXPERIENCE

Product Manager

Daotest.net [01/09/2023 – Current]

City: Shanghai | Country: China

- Conduct **market research & feasibility studies** to define AI-driven product strategies.
- Lead **product design & prototyping** using **Axure and Visio**, ensuring technical feasibility.
- Collaborate with AI engineers to develop and optimize **large language models** for various applications.
- Oversee **user testing & feedback collection**, refining AI models based on real-world performance.
- Act as a bridge between **business and engineering teams**, translating product requirements into **technical solutions**.
- Manage **project timelines & resources**, ensuring on-time delivery of AI-enhanced products.

Product Research Engineer

Nuance/Cerence [26/09/2010 – 15/03/2023]

City: Shanghai | Country: China

- Led **model development**, specializing in **grapheme to phoneme models** for speech synthesis system.
- Acted as a **technical liaison for international teams**, guiding AI model integration into customer projects.
- Managed **product lifecycle & quality assurance**, ensuring AI models met accuracy benchmarks.
- **Translated customer requirements into AI modeling improvements**, ensuring high performance in real-world applications.
- Developed and maintained **technical documentation**, providing integration guidance for global teams.
- Collaborated with QA and development teams to **identify & fix model-related issues**, improving AI performance.
- Supported the sales team in analyzing **customer needs for new AI projects**, advising on feature feasibility.

Higher education literature teacher

Wuzhou University [01/07/2009 – 31/08/2010]

City: Wuzhou | Country: China

- Mentored **junior college students in thesis writing & research**, demonstrating leadership and instructional skills.
- Developed and delivered course materials in **linguistics**.

PROJECTS

[09/2019 – 03/2023]

Automotive TTS Product Optimization

- Collaborated with the UX team to improve the friendliness of the speech dialogue system by creating more natural prompts.
- Evaluated TTS performance against competitors, driving new feature development, TTS data release, delivery, and maintenance.
- Provided Chinese TTS solutions and technical support for local and global projects.
- Assisted pre-sales with technical consulting and after-sales error management.

Achievements: Established efficient data release and maintenance processes, releasing over 40 data packages annually. Implemented key technologies for international OEMs (BMW, Mercedes-Benz, Volkswagen). Mastered NLG technical architecture and localized prompts.

[07/2012 – 10/2014]

Siri Voice Assistant Project

- Evaluated and optimized Mandarin/Taiwanese/Cantonese voice to enhance MOS score by 0.5 for Cantonese.
- Customized voice, managed bugs with the **Bugzilla tracking system**.
- Collaborated with the Merelbeke team to integrate TTS models.
- Provided feedback for engine development.

Achievements: Quickly mastered speech synthesis technique, problem-solving skills, and project management skills. Optimized Cantonese TTS system to outperform competitors like iFlyTek. Acknowledged by Tier1 and customers for on-site support.

EDUCATION AND TRAINING

Master Degree of Arts in Applied Linguistics

South China University of Technology [01/09/2007 – 20/06/2009]

City: Guangzhou | Country: China

Bachelor Degree of Arts in Literature

Henan University of Science and Technology [01/09/2003 – 30/06/2007]

City: Luoyang | Country: China

LANGUAGE SKILLS

Mother tongue(s): Mandarin, Cantonese

Other language(s):

English

LISTENING B2 READING C1 WRITING B2
SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING A2 READING A2 WRITING A2
SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

German

LISTENING A1 READING A1 WRITING A1
SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

documentation

MS. Office Programs: Word, Excel, Powerpoint, Outlook, Project, Visio, OneDrive, OneNote / Confluence (9+ yrs) / Notion user

version control

P4 Perforce / Version Control System (Git) / Mercurial - TortoiseHg

project management

Jira / CICD using Jenkins

product design

Axure UX/UI / MS Visio

hands-on tools

Wincmdline, Perl, Python basics, REST API, TRAE usage

HOBBIES AND INTERESTS

Cooking

make different cuisines on weekends or holidays

Language Learning

Using Duolingo to explore different languages

Travel and Culture

Travel domestically or abroad every holiday