

# Yew Jin Lim

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*Former Director of Engineering at Google, now exploring a stealth project. Focused on Gen AI, ML, and generally decent engineering*



## Professional Experience

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### Stealth

FOUNDER

- No idea what I'm doing, but I'm getting there.

 **Google**  
DIRECTOR OF ENGINEERING, NOTIFICATIONS AND PROACTIVE AI LEAD

San Francisco Bay Area

Oct 2025 - Present

- Lead the Notifications and Proactive AI organization at Google's Search Discovery, building innovative Search products using cutting-edge AI technology
- Developed and launched Daily Listen, an experimental AI-powered audio show described in a 9to5google review as "one of the better examples of adding Gemini to everything working out."

 **Google**  
PRINCIPAL SOFTWARE ENGINEER, SEARCH GROWTH ENGINEERING LEAD

San Francisco Bay Area

2023 - Oct 2025

- Led the Intent Prediction team of 50 members, developing novel techniques using deep learning and data mining
- Drove Google Search usage growth by building technologies for sustainable user acquisition and re-engagement
- Developed predictive systems for ranking and triggering proactive/queryless features in Search

 **Google**  
SOFTWARE ENGINEER TO SENIOR STAFF SOFTWARE ENGINEER

San Francisco Bay Area

2007 - 2018

- Led proactive search initiatives using personalized and contextually-relevant signals to enhance Search experience
- Led the spelling correction team and Cross Language Information Retrieval (CLIR) team, making search language-agnostic
- Developed and launched web-scale contextual spell checker that revolutionized document editing by adapting Search spelling technology (2012 launch). System detected context-specific errors traditional spell checkers missed, with documented cases of catching 38+ errors in professionally edited manuscripts. Featured in author Amy Stewart's review: "The genius behind this technology...you are invited to Thanksgiving every year."

## Education

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 **National University of Singapore**  
PHD IN COMPUTER SCIENCE

Singapore

2003 - 2007

- A\*Star-NUS Graduate Fellowship; Thesis: On Forward Pruning in Game-Tree Search

 **University of Waterloo**  
BMATH, DOUBLE DEGREE

Canada

1997 - 2000

- Double Honors in Pure Mathematics and Computer Science; Graduated with Distinction

## Selected Publications

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Lim, Y. J. (2007). *On Forward Pruning in Game-Tree Search* [PhD Thesis].

Lim, Y. J., & Teh, Y. W. (2007). Variational Bayesian approach to movie rating prediction. *Proceedings of KDD Cup and Workshop*, 15–21.

Lim, Y. J., Kunz, J., Linn, J. G., Gilliland, C. J., Faden, D., & Jhala, S. (2018). *Predicting user needs for a particular context* (Patent No. US Patent 9,940,362).

Lim, Y. J., Linn, J., Liang, Y., Steinebach, C., Lu, W. L., Kim, D. H., & Kunz, J. (2021). *Predicting intent of a search for a particular context* (Patent No. US Patent 10,909,124).

## Skills

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**Languages** English | Conversational Chinese

**Tech Stack** Python | C++ | Prompt Whisperer

**Personal Interests** Trail Running | Gardening | Meditation | Reading