

Wilson Ler

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SUMMARY

Technical Co-founder of Beloga, building a thinking and functioning AI second brain for knowledge-intensive tasks. Experienced in natural language processing (NLP), retrieval-augmented generation (RAG), and full-stack development. Former Engineering Manager at Constructor with a track record of leading successful teams and delivering impactful projects.

EXPERIENCE

Co-Founder

Beloga

February 2024 - Present, San Francisco Bay Area

- Built an MVP in 6 months and launched 2nd Product of the day on Product Hunt.
- Lead product development and technical architecture from 0 to 1.
- Scaled revenue from \$0 - \$3K MRR and 400 MAUs.
- Built the platform using multi-source RAG with personalization.
- Achieved 3 hours of engagement time per day per user.

Technical Consultant

Break Sports

June 2024 - August 2024, New York (Remote)

- Assisted in restructuring of engineering team and hiring 4 new engineers.
- Led architectural decisions to resolve up to 20% of technical debt.
- Provided technical leadership and strategic guidance.

Engineering Manager

Constructor

August 2021 - February 2024, Remote

- Founded and led a team of full-stack engineers to build a quiz platform for e-commerce guided experiences.
- Streamlined hiring pipeline with new processes and buddy system, reducing onboarding time by 30%.
- Led development of customer merchandizing tools that increased clickthrough rates.
- Implemented OpenAPI auto-documentation generation, eliminating manual documentation needs.
- Developed Sentry auto-assignment bot improving error handling coverage by 80%.

Software Engineer

Constructor

August 2019 - August 2021, Remote

- Scaled Constructor from a valuation of \$50M to \$550M as an early engineer.
 - Revamped API documentation site to increase engagement by 50%.
 - Developed configuration interfaces for customer catalog data.
 - Refreshed and refactored analytics dashboard to improve user experience.
 - Implemented dynamic synonyms to replace static lists.
 - Optimized redirect rules reducing indexing time by 50%.
 - Developed time-based searchandizing rules with conflict resolution.
 - Added multilingual search detection for French, Dutch, and English.
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EDUCATION

Bachelor of Engineering in Computer Engineering

Minor in NUS Overseas Colleges (Entrepreneurship) • National University of Singapore • Singapore • 2017 — 2021

- Honors Graduate.
- Focus areas: Information Retrieval, Natural Language Processing (NLP).

Visiting Student

Stanford University • Palo Alto, California • 2019

- Completed CS229 Machine Learning course.
 - Part of NUS Overseas Colleges Silicon Valley program (Batch 36).
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PROJECTS

GigaChadGPT

github.com/lws803/gigachadgpt • December 2023 - December 2023

- Developed a ChatGPT-based persona through prompt engineering.
- Created an engaging conversational AI for fitness and lifestyle advice.
- Achieved 50+ DAUs on the platform.

Bluetooth Low Energy Jammer

github.com/lws803/BLE-jammer • December 2022 - December 2022

- Built a Bluetooth Low Energy (BLE) jammer using NRF240L+ modules and Maple Mini (STM32).
 - Achieved 170 stars on GitHub.
 - Was able to jam up to 100m of BLE communications.
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SKILLS

Technologies: Large Language Models (LLM), Retrieval-Augmented Generation (RAG), React.js, NestJS, JavaScript, Information Retrieval

Soft Skills: Leadership, Hiring, Project Management, Building an Engineering Culture