

Software Engineer with hands-on experience in AI/LLM integration, mobile app development, and full-stack product delivery. Built and shipped a production mobile app (Perch) to the App Store with AI-powered health features, and co-authored an LLM-based quantitative research paper accepted at APAF. Currently developing cross-platform applications at a Beijing-based startup.

SKILLS

Languages	Python, Dart, TypeScript, Swift, SQL
Frameworks	Flutter, FastAPI, React, Next.js, SwiftUI
AI / ML	PyTorch, TensorFlow, LangChain, GPTQ/AWQ Quantization, RAG, Computer Vision (YOLO)
Tools	Claude Code, Cursor, Docker, Git, GCP, Hugging Face, Supabase

EDUCATION

<b>B.S. in Computer Science</b> , <i>Hanyang University</i>	Sep 2021 — Present (Senior)
Minor: Entrepreneurship Convergence   Micro-major: Industrial AI	GPA: 3.36 / 4.5
Key Coursework: Operating Systems, Database Systems, Computer Networks, Data Structures, Algorithms, Artificial Intelligence	

EXPERIENCE

<b>Software Engineer Intern</b> <i>Cognitive Beyond (Beijing) Technology Co., Ltd.</i>	Jan 2026 — Present Remote
<ul style="list-style-type: none"><li>Developing cross-platform iOS/Android applications using Claude Code, accelerating feature delivery in a remote-first team</li><li>Building Shopify-based e-commerce storefronts and admin dashboards for independent brand operations</li></ul>	
<b>Undergraduate Research Intern</b> <i>Hanyang University Business School — Quantitative Analytics Lab</i>	Mar 2025 — Jul 2025 <a href="#">GitHub</a>   Seoul, Korea
<ul style="list-style-type: none"><li>Co-authored “Can ChatGPT Forecast Returns in the Korean Stock Market?” accepted at APAF Conference</li><li>Analyzed ~500K Korean news articles using GPT-4.1 for sentiment-based stock trading strategies</li><li>Achieved 11.91% cumulative return vs. KOSPI’s -14.43% decline in backtesting evaluation</li></ul>	

ACTIVITIES & PROJECTS

<b>Perch — AI Pet Bird Health Platform</b> <i>Team Lead &amp; App Developer</i>	2025 — Present <a href="#">GitHub</a>   <a href="#">perch.ai.kr</a>
<ul style="list-style-type: none"><li>Built full-stack mobile app (Flutter + FastAPI + PostgreSQL) with AI-powered health consultation</li><li>Deployed to App Store and grew user base through Naver Cafe marketing with ongoing user support</li><li>Developed proprietary Bird Health Index (BHI) algorithm analyzing weight, food, and water intake data</li><li>Secured funding from Hanyang University Startup Support Center for continued operation</li></ul>	
<b>LG Aimers 8th Cohort — LG AI Research</b> <i>AI Education Program</i>	Jan 2026 — Feb 2026
<ul style="list-style-type: none"><li>Participated in hands-on LLM compression program applying GPTQ/AWQ quantization on EXAONE-4.0-1.2B</li></ul>	
<b>HARU (Home Adaptive Routine Understanding) — LG Electronics IC-PBL</b> <i>Software Engineering Course Project</i>	Sep 2025 — Dec 2025 <a href="#">GitHub</a>   Hanyang University
<ul style="list-style-type: none"><li>Developed iOS app (SwiftUI) and backend (FastAPI, Supabase) for LLM-based smart home automation in a 4-member team</li><li>Integrated Apple Watch health data (HRV, heart rate, sleep) for context-aware home control; delivered final prototype demo to LG Electronics panel</li></ul>	
<b>Nexon Foundation Hello Mate</b> <i>Coding Education Volunteer</i>	Sep 2025 — Jan 2026
<ul style="list-style-type: none"><li>Designed and operated coding education curriculum for elementary students using Hello Maple platform</li><li>Planned lesson content, led hands-on sessions, and managed class operations end-to-end</li></ul>	

AWARDS

<b>Grand Prize</b> , Hyundai NGV HYPER AI Hackathon	<a href="#">GitHub</a>   Jan 2026
<b>1st Place</b> , FORIF Hackathon Ideathon — Hanyang University Programming Club	Dec 2025
<b>3rd Place</b> , Hyspark Demo Day Challenge Track — Hanyang University Startup Club	Jul 2025
<b>2nd Place</b> , Hanyang Cryptography Competition	Oct 2024