JAEYOUNG CHOI

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Interested in
Human-AI Interaction, LLM Applications, Agentic AI, Mobile Computing

EDUCATION

KAIST	Daejeon, Korea
Master of Engineering	Sep 2024 – Aug 2026 (Expected)
Industrial design	
POSTECH	Pohang, Korea
Bachelor of Engineering	Feb 2018 – Aug 2024
Chemical Engineering (major); Computer Science and Engineering (minor)	
magna cum laude	
Gyeonggi Science High School for the Gifted	Suwon, Korea
Physics / Chemistry	Mar 2015 – Feb 2018

PUBLICATION

Chart-to-Experience: Benchmarking Multimodal LLMs for Predicting Experiential Impact of Charts	2025
Seon Gyeom Kim, **JaeYoung Choi**, Ryan Rossi, Eunyee Koh, Tak Yeon Lee	
IEEE Pacific Visualization Conference (PacificVis 2025)	

RELATED PROJECTS

Term Project, KAIST	2024
Text Per Second	
Term Project, KAIST	2024
Keywords in CHI	
Term Project, POSTECH	2023
WebGandhi: Detecting and Filtering Hate Speech on the Internet using LLM	
Term Project, POSTECH	2023
ChatRPG: A Gen-AI-Powered Immersive TRPG Assistant	
1st Prize winner, ChatGPT & Gen-AI Usecase Contest, POSTECH	2023
GPT is all you need for the Frontend	

ADDITIONAL TRAINING

SKT FLY AI Challengers, SK Telecom	Jun 2024 – Aug 2024
Apple Foundation Program, Apple Developer Academy	Apr 2024 – May 2024
Google UX Design Certificate, Coursera	Jul 2021 – Dec 2021
Gyeongbuk AI Blockchain Startup Incubating Program, POSTECH	Aug 2019
Korea Chemistry Olympiad School, Korean Chemical Society	2015 – 2016

WORK EXPERIENCE

Naiden, Seoul, Korea
Data & Cloud Engineering Intern: Factory IoT Solution — Jul 2023 – Aug 2023

Sweetbook, Seoul, Korea
Children's book writer using Gen AI — Apr 2023

Seoul Metro, Seoul, Korea
Military Service — Oct 2020 – Jul 2022

D-Signer, Seoul, Korea
UI Design Intern — Jun 2019 – Aug 2019

APGC-lab, Pohang, Korea
Contents Creator — Feb 2019 – Jul 2019

SCHOLARSHIPS

Research Scholarship, Samsung Display — 2024
KRW 5,000,000

AWARDS

1st Prize Winner, 2025 BlackOut Hackathon — 2025

Silver Award Winner, 45th Cheil Idea Festival — 2024

LANGUAGES

Korean: Native
English: Intermediate High; TOEFL 92(Expired) / OPIc Speaking IH / OPIc Writing AL

PROGRAMMING SKILLS

Programming language: C, C++, Python, JavaScript, Java, Kotlin, Swift
Front-end: React, HTML
Back-end: Firebase, Node.js
Cloud Platforms: Google Cloud Platform, Microsoft Azure
Data Analytics: MATLAB, R, Python

DESIGN SKILLS

Visual Design: Photoshop, Illustrator, Premiere
Prototyping: Figma, XD
Design tools: Empathy Map, Trend Matrix, Affinity Diagram, KANO Analysis, OAC Map, Usability test