

Yejun Lee

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Education

Mar. 2025 – Present	Gwangju Institute of Science and Technology	Gwangju, Korea
	B.S. Student, Department of Electrical Engineering and Computer Science	
Mar. 2022 – Feb. 2025	Chungnam Science High School	Gongju, Korea

Research Interests

- Integrated Circuits and Systems
- AI Accelerators and Semiconductor Systems
- Hardware-Software Co-design

Experience

Sep. 2025 – Present	GIST InfoTeam — Backend Developer	Gwangju, Korea
	• Developed and maintained backend services for student-facing campus applications using TypeScript and NestJS. • Designed backend logic for an online voting service supporting anonymous and identified voting, voter eligibility restrictions, and deadlines. • Implemented transaction-safe daily usage aggregation, an idempotent data backfill process, and automated tests for chatbot analytics. • Contributed to both front-end and back-end development for the GIST Newspaper website renewal (Dec. 2025 – Feb. 2026) and maintained the PotG service.	

Selected Projects

Nov. 2025	GISTree — GIST InfoTeam Long-Hackathon <i>NestJS, TypeScript, PostgreSQL, Prisma, Docker</i>
	• Designed and implemented the entire backend API for a campus community service. • Managed Prisma schemas and migrations; automated API documentation with Swagger.
Nov. 2025	BedBet — 2025 IST-TECH IT ARENA Hackathon
	• Designed backend APIs and database schemas, and integrated them end-to-end to build the full service pipeline in a two-day hackathon.

Technical Skills

Programming Languages	TypeScript, Python, C, JavaScript
Backend & Web	NestJS, Prisma, Swagger, HTML, CSS
Databases & Tools	PostgreSQL, Docker, Git, GitHub

Relevant Coursework

Electric Circuit Theory, Engineering Electromagnetics I, Fundamentals of Engineering Mathematics, Single Variable Calculus and Applications, General Physics & Rec. II

Honors & Awards

Academic Excellence Scholarship (Merit-based), GIST	2026
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Language Proficiency

Korean (Native) | English (TOEIC 865, Feb. 2026)