

Junhwan Beom

beom.dev

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EDUCATION

Hanyang University

B.S. in Computer Science; Cumulative GPA: 3.82/4.0

Seoul, Republic of Korea

Mar. 2023 - Feb. 2028 (Expected)

Relevant Courseworks: Data Structures, Discrete Mathematics, Object-Oriented Systems Design, Automata

Georgia State University (Exchange Student)

College of Arts & Sciences; GPA: 4.0/4.5, President's List Fall 2024

Atlanta, GA

Aug. 2024 - May. 2025

Relevant Courseworks: Design & Analysis: Algorithms, Computer ORG, Database Systems, Programming Language Concepts

SKILLS

- **Languages:** Go, TypeScript, Rust, Python, and SQL
- **Frameworks:** React, Vue, TailwindCSS, and Django REST Framework
- **Tools:** CI(GitHub Actions), Docker, PostgreSQL, Git, Linux, Caddy, Nginx, and Neovim

PROJECTS

random-reviewer-discord, GitHub Action for Pull Requests

Feb. 2025 - current

TypeScript

github.com/JedBeom/random-reviewer-discord

- Developed a GitHub Action that automatically assign reviewers at random and notify them on Discord using a webhook.
- Built an internal event router mocking HTTP routers to handle GitHub Action events properly.
- Created a message template system to allow users to modify Discord messages with context variables.

Peak, Task-managing Platform with Social Interactions

Feb. 2024 - current

Python, Django REST Framework, TypeScript, React, PostgreSQL, Docker

alpha.peak.ooo | github.com/goosemoment/Peak

- Led a team of 5, designing overall architecture, maintaining high code quality, and defining well-factored API boundaries.
- Designed an in-app notification system with Service Workers, the Web Notifications API, and Django signals.
- Composed CI pipelines to detect mistakes as format inconsistency, unused dependencies, unapplied DB migrations, etc.
- Developed an optional TOTP authentication to add an additional security layer, referring RFC 6238.
- Reduced First Contentful Paint by 60%(8.2s to 3.3s) by optimizing front-end router with lazy imports.

zego.life, High School Student Assistant App

Aug. 2020 - Aug. 2021

Go, React, PostgreSQL, AWS S3

github.com/JedBeom/zego.life

- Developed a full-stack app for Gwangyang Jecheol High School, enabling 300+ students to access cafeteria menus and upcoming events.
- Built automatic crawling tools to provide school-related informations including class schedules.
- Revamped the school meal plan website with a RESTful API, streamlining app integration.

FESPAY

Sep. 2019 - Dec. 2019

Go, Vue, PostgreSQL

github.com/JedBeom/fespay

- Built a digital payment system for the festival of Suncheon Wangun Middle School to replace paper coupons.
- Accomplished US\$2000+ transactions from 400 simultaneous users without any system outages during the festival.
- Conducted post-festival analysis of payment logs by time and amount, delivering insights for future event planning.

OPEN SOURCE CONTRIBUTIONS

- Contributed to feather-icons-react to automatically generate a TypeScript Declaration file on the build phase. Feb. 2025
- Contributed to spam-musubi to inspect target endpoints using regular expressions in Rust. Oct. 2024

ACTIVITIES / AWARDS

- Web Security Tutor of Icewall, Computer Security Society of Hanyang University Mar. 2024 - Jun. 2024
- 1st place (out of 23 teams) at G-IN AI×SW Hackathon, hosted by Ministry of SMEs and Startups (South Korea) Dec. 2020