

# Bonjun Ku

FRONT-END ENGINEER

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“To improve is to change; to be perfect is to change often.”

## Education

### Sogang University

B.S.E. IN MECHANICAL ENGINEERING AND ARTIFICIAL INTELLIGENCE

- GPA 3.88/4.5 (Magna Cum Laude)
- Graduation Project: Scooter Helmet Detector with YOLO (Object detection)

Seoul, S.Korea

Feb. 2015 - Aug. 2021

## Experience

### CEOS, IT startup club

FRONT-END TEAM MEMBER

- Designing an interior consulting platform (planning stage).
- Solving missions using html, css, vanillaJS, and ReactJS.
- Improved code quality through peer review.

Seoul, S.Korea

Sep. 2021 - Present

### Naver Connect boostcamp Challenge

TRAINEE, WEB FULL-STACK COURSE

- Self-directed learning JavaScript and nodeJS while solving missions.
- Learned the core working principles of JavaScript, such as asynchronous/synchronous, execution context, and event loop, etc.
- Implemented the core contents of data structure, database, and network communication using vanilla JavaScript.

Seoul, S.Korea

July. 2021 - August. 2021

### Samsung SDS Algorithm Special Lecture

TRAINEE

- Improved algorithmic capabilities.

Seoul, S.Korea

Jul. 2021 - Jul. 2021

### CAD/CAM Lab in Sogang Univ.

INTERN

- Designed smart tires with power generation using Inventor
- Assisted in research and design work at SIAT.

S.Korea

Jun. 2019 - Aug. 2019

## Honors & Awards

2019 **3rd Place**, National Creative Design Engineering Contest

UNIST, S.Korea

## Certifications

2021 **Engineer Information Processing**, Human Resources Development Service of Korea

S.Korea

## Extracurricular Activity

### SSIA(Sogang Student Supporters for International Affairs)

MENTOR

- Helped international students adjust to Korean university life

Seoul, S.Korea

Jul. 2019 - Dec. 2020

### SGTTC (Sogang Table Tennis Club)

CORE MEMBER & PRESIDENT AT 2019

- Club operation: Planned various events (homecoming, MT, exchange with other schools) with 50+ members
- Participated in local tournaments and won prizes.

Seoul, S.Korea

Mar. 2016 - Feb. 2021