Jaehong Lee | Value-driven Developer

- 4th-year computer engineering student, passionate about backend.
- Co-op experience in a fast-paced small team of 5, quick learner.
- Developed strong communication skills in the small team setting.

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EXPERIENCE

Intersystem Controls, Vancouver — Software Engineer Co-op

Sep. 2021 - Dec.2021

- In a team of 5, led smart home touch panel **frontend** development.
- Used web technologies: HTML, CSS, JavaScript, React, and Redux.
- Integrated REST API establishing communication with the backend.

SELECTED PROJECTS

Tutor Matching Website *⊗* — Side Project

Sep. 2023 - Present

- Implemented backend services using Node.js to create a RESTful API.
- Integrated MongoDB database for efficient data storage and retrieval.
- Used JWT authentication with password hashing for backend security.

Advanced Smoke Detector & — Academic Project (ENSC 351)

Dec. 2023

- Used **HTTP** POST for updating and GET for retrieving sensor values.
- Utilized Postman for testing and calling API endpoints.
- Stored source code in GitHub using Git for version control.

Maze Game *⊗* — Academic Project (CMPT 276)

Apr. 2023

- Developed a Java maze game with moving enemies using Maven.
- Used OOP principles with UML class diagrams for better code design.
- Applied the **Scrum** process model for efficient project management.

EDUCATION

Simon Fraser University, Burnaby

Sep. 2019 - Aug. 2025

Bachelor of Applied Science in Computer Engineering, Co-op (BASc)

SKILLS

Frontend: JavaScript, React.js, Redux, HTML/CSS,

Backend: Node.js, Express.js

Database: MongoDB, Microsoft SQL Server

Data: SQL, Google Analytics

Other: C/C++, Java, Git,

Unix/Linux,

CERTIFICATES

Udemy Online Course:

- JavaScript: Understanding the Weird Parts
- The Complete Node.js Developer Course (3rd Edition)
- The Complete JavaScript Course 2024: From Zero to Expert!
- Modern HTML & CSS From The Beginning (Including Sass)

LANGUAGES

- English (Fluent)
- Korean (Fluent)
- Mandarin (Beginner)